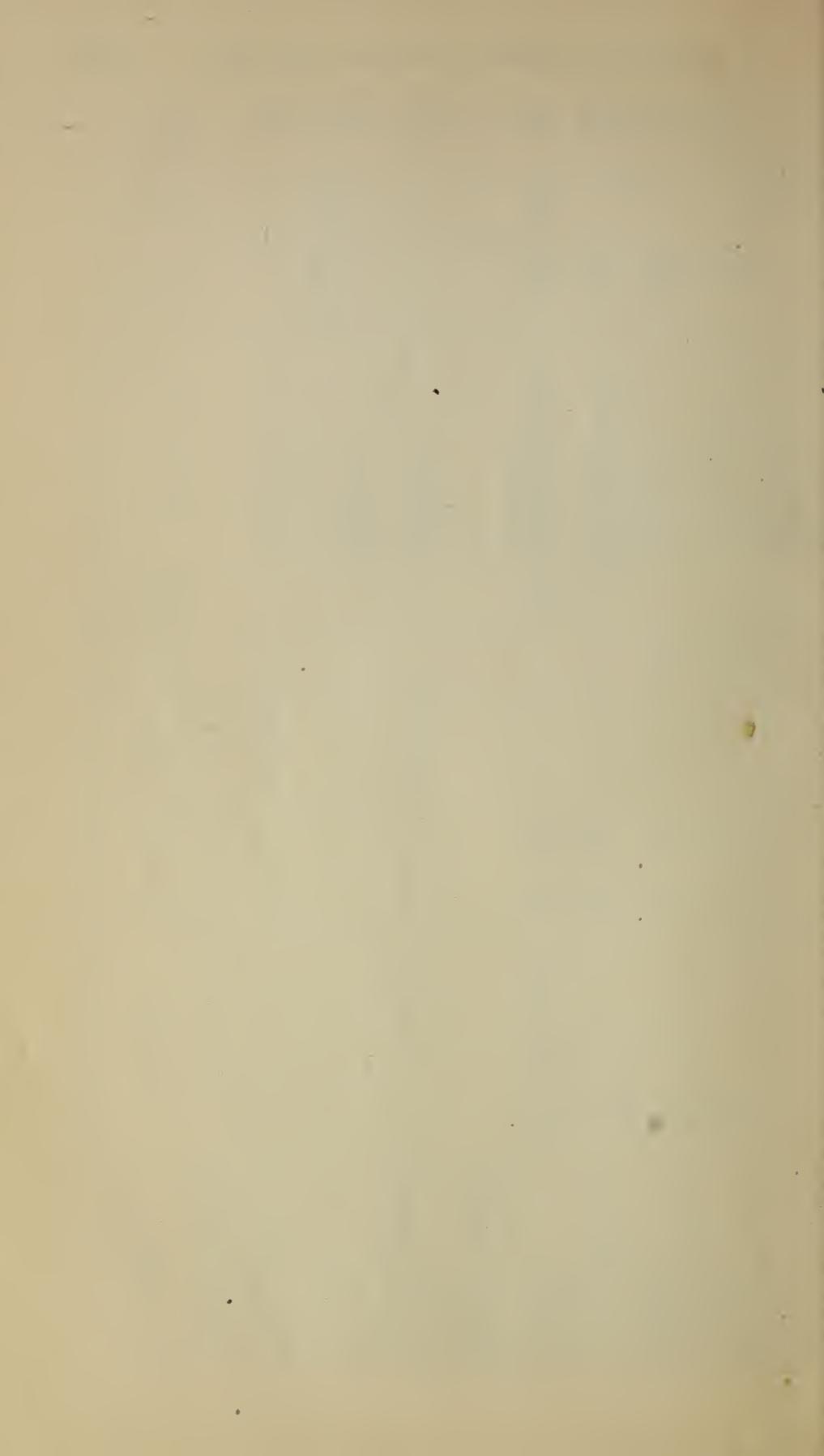


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



59TH CONGRESS, }
2d Session. }

HOUSE OF REPRESENTATIVES.

{ DOCUMENT No.
743.

OPERATIONS

OF THE

BUREAU OF ANIMAL INDUSTRY

FOR THE

FISCAL YEAR ENDED JUNE 30,

1906.

FEBRUARY 20, 1907.

Referred to the Committee on Agriculture
and ordered to be printed.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1907.

LETTERS OF TRANSMITTAL.

To the Senate and House of Representatives:

I transmit herewith the report of the operations of the Bureau of Animal Industry of the Department of Agriculture for the fiscal year ending June 30, 1906, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

THEODORE ROOSEVELT.

THE WHITE HOUSE,
February 16, 1907.

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., February 15, 1907.

The PRESIDENT:

I have the honor to submit herewith, for transmittal to Congress, a report of the operations of the Bureau of Animal Industry of this Department for the fiscal year ended June 30, 1906, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

Very respectfully,

JAMES WILSON,
Secretary.

OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE FISCAL YEAR ENDED JUNE 30, 1906.

INTRODUCTION.

For the first two and a half months of the fiscal year covered by this report the work of the Bureau was under the direction of Dr. D. E. Salmon as chief and for the remainder of the period it has been in charge of Dr. A. D. Melvin. Doctor Salmon, after continuous service in the position of chief for more than twenty-one years, beginning with the organization of the Bureau in 1884, resigned that position early in September, 1905, and his resignation was accepted to take effect November 1. Doctor Melvin, who was assistant chief at the time of Doctor Salmon's resignation, was in charge of the Bureau work as acting chief from the middle of September (when Doctor Salmon relinquished the active management in order to complete some special work before his retirement), and was appointed chief on December 1.

THE MEAT INSPECTION.

The meat inspection, as in previous years, has been the largest branch of the Bureau's work. In this service more than half the members of the Bureau force were engaged and more than half the appropriation for the year was expanded.

As the conditions at the Chicago stock yards and packing houses have been so prominently before the public during recent months, it may be well to point out certain facts regarding the meat-inspection service as conducted by the Bureau.

Until the passage of the new meat-inspection law, on the last day of the fiscal year (June 30, 1906), the inspection was carried on under the act of March 3, 1891, as amended by the act of March 2, 1895. That law provided for—

1. The inspection of all live cattle which were intended for export or whose carcasses or products were intended for export.

2. (a) The mandatory ante-mortem inspection of cattle, sheep, and hogs which were subjects of interstate commerce and which were about to be slaughtered at slaughterhouses, canning, salting, packing, or rendering establishments in any State or Territory, the carcasses or products of which were to be transported and sold for human consumption in any other State or Territory or the District of Columbia.

(b) The additional permissive post-mortem examination of carcasses of all cattle, sheep, and hogs about to be prepared for human consumption at any slaughterhouse, canning, salting, packing, or

rendering establishment in any State or Territory or the District of Columbia and which were the subjects of interstate commerce.

In other words, the ante-mortem inspection was made mandatory, while the post-mortem examination was only discretionary.

Some of the defects and limitations of this law should be noted to give an idea of the disadvantages under which the inspection has been conducted. In the first place, the law required the ante-mortem inspection of all cattle, sheep, and swine slaughtered at certain classes of establishments, the carcasses or products of which were to enter interstate commerce, but no specific provision was made for funds with which to perform this work, and the annual appropriation has never been sufficient to enable the Bureau to cover all establishments carrying on an interstate business. Indeed, many establishments which applied for inspection had to be refused on account of lack of money to carry on the work.

While the law authorized the marking of meats and products which on inspection were found free from disease and wholesome, and prohibited the interstate shipment of meats and products found diseased and unwholesome, it made no provision and gave no authority for marking and rendering unfit for food purposes the diseased and unwholesome carcasses and products. As a matter of fact, however, it has long been the practice of the Bureau to require the destruction of all condemned carcasses and parts, though in case of the refusal of the proprietor to comply with such orders there was no remedy except to withdraw inspection.

It is very doubtful whether the law gave any authority for following up meats after they had once been inspected and passed immediately after slaughter, or for condemning any such meat which might afterwards become unwholesome or unclean before or during the process of canning or packing or before being placed on the market. But whether the law gave any such authority or not is a purely academic question, since the lack of funds made it impossible to extend the inspection to cover all the processes of curing, canning, packing, etc. No authority whatever to control the sanitation of the establishments or to prevent adulteration or the use of chemicals and preservatives was given by the law.

The inspection was therefore practically confined to the ante-mortem inspection of animals and the inspection of the carcasses immediately after slaughter. The meat found free from disease and otherwise wholesome at the time of this post-mortem inspection was properly marked and that found diseased or unwholesome was destroyed. There is no question that this inspection was efficient as far as it went and that it went as far as the law and the limited appropriations allowed. In fact, as hereinbefore and hereinafter shown, the Bureau in its efforts to maintain an efficient inspection sometimes even went so far as to assume authority not conferred by law. In all the recent agitation the wholesomeness of the inspected fresh meat has not been seriously called into question. The disclosures of unsatisfactory conditions have related almost wholly to the canned and prepared meats, the use of preservatives, and the insanitary condition and methods of the packing establishments—matters over which the Bureau has had no control whatever under the law.

About the latter part of the year 1905 a number of articles criticising the inspection methods and the insanitary conditions at the Chicago

stock yards and packing houses began to appear in certain medical journals and other publications. The subject was considered in the Department, and it was determined that the best way to get at the matter was to send a competent committee to Chicago to make an investigation. This was finally decided on about the middle of February, but on account of illness the committee was unable to get away until early in March. This committee, consisting of Dr. John R. Mohler, chief of the pathological division of this Bureau; Dr. R. P. Steddom, chief of the inspection division of the Bureau, and Mr. George P. McCabe, Solicitor of the Department, made a thorough investigation, and presented an exhaustive report under date of April 3. This report was promptly transmitted to the President, and has been printed as a Congressional document.

Without waiting to send a committee to investigate and report, however, two orders regarding sanitation were issued in February. The Department Solicitor advised that, while such regulations were very necessary, the Department had no legal authority to enforce them; but it was decided to issue them nevertheless and to enforce them if possible. The first of these orders, issued February 8, 1906, to Bureau inspectors in charge of meat inspection, required that trucks and other receptacles used in handling tuberculous carcasses and parts thereof should not be used for any purposes other than handling condemned material and offal; also that all knives and other implements used, as well as the hands of the inspector, and the packing-house implements, should be washed in an antiseptic solution. Bichloride of mercury tablets were furnished for this purpose.

The other order regarding sanitation was as follows:

[Amendment No. 5 to B. A. I. Order No. 125.]

RULES AND REGULATIONS FOR THE INSPECTION OF LIVE STOCK AND THEIR PRODUCTS.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., February 14, 1906.

It is hereby ordered, That section 4 of B. A. I. Order No. 125 be, and the same is hereby, amended by the addition of the following:

Sanitation.—(e) Official establishments shall be kept in a clean and sanitary condition. Ceilings, side walls, pillars, partitions, etc., shall, whenever practicable, be frequently whitewashed; where this is impracticable they shall, when necessary, be washed, scraped, or otherwise effectually cleaned; likewise all trucks and other receptacles used in moving, mixing, storing, or curing meat or meat products shall be frequently cleaned, and beef carriers or other employees who handle meat in contact with their clothing shall be required to keep such clothing in a sanitary condition. Separate, suitably ventilated, and otherwise sanitary toilet rooms and rooms for the reception of clothing of employees shall be provided and so located that the odors therefrom do not penetrate the rooms or compartments in which meat or meat products are prepared, cured, stored, packed, or otherwise handled; all such rooms or compartments (except the killing floors) shall be provided with cuspidors, and employees who expectorate shall be required to use them.

JAMES WILSON, *Secretary.*

On receipt of the committee's report showing the conditions which existed at Chicago, the inspector in charge at that station was directed to take steps for the improvement of these conditions, and a traveling inspector was sent to Chicago to assist in this work. On April 9 an order was issued to all inspectors in charge of meat inspection, stating that the report of the committee had revealed some conditions which

must be improved at once, and directing them to see that all requirements of the meat-inspection regulations were rigidly enforced and to report any establishment which failed to comply with any part of the regulations. On May 22 the inspectors in charge of the principal stations were instructed to report whether amendment 5, regarding sanitation, was being complied with, and to notify the proprietors of the establishments that lavatories must be installed, so that workmen could have no excuse for not keeping their hands clean, and that proprietors must see that employees did keep themselves clean. It was also ordered that meat must be raised from the floors, and that the practice of mixing meats upon the floors must be abandoned and suitable boxes or benches provided; also that wire netting and other covers for racks, vats, and boxes used for meats and meat products must be provided.

The weak points and the limitations of the laws under which the meat inspection has heretofore been conducted have long been realized, and several times in the past recommendations have been made by the Secretary of Agriculture and the chief of the Bureau for the enactment of new laws and the increase of appropriations in order to extend the inspection and improve its efficiency. On two or three occasions bills to remedy some of the defects in the law have been introduced in Congress, but they failed of passage.

The new law of June 30, 1906, commonly known as the meat-inspection amendment to the agricultural appropriation act, greatly enlarges the powers of the Secretary of Agriculture and makes a permanent annual appropriation of \$3,000,000 to pay the cost of meat inspection. With the additional authority and money thus granted the service will be greatly extended and strengthened. The inspection is being extended as rapidly as possible to establishments which are engaged in interstate or foreign business and come within the law, and the inspection is applied not only to the live animals before slaughter and to the carcasses immediately after slaughter, but afterwards to the meats and meat-food products in all the stages and processes of preparation, curing, canning, etc. Sanitary equipment, conditions, and methods are required, the use of harmful chemicals and preservatives and of misleading labels is prohibited, and the transportation of meat in interstate and foreign commerce is being regulated. Regulations covering these various points have been issued.

WORK OF THE YEAR.

During the fiscal year 1906 inspection was inaugurated at 23 establishments. One of these had previously had inspection, but had been destroyed by fire; the remaining 22, located in 13 different cities, were establishments that had not theretofore had inspection. Inspection was not conducted during the fiscal year, for various causes, at 11 establishments which had had inspection in the previous fiscal year. Of the 13 cities, 6 were cities in which Federal inspection had not been previously conducted. Below are shown the number of establishments and the number of cities where inspection has been conducted during each fiscal year since 1891:

Number of establishments and cities where meat inspection has been conducted, 1891 to 1906.

Fiscal year.	Number of es-tablish-ments.	Number of cities.	Fiscal year.	Number of es-tablish-ments.	Number of cities.
1891.....	9	6	1899.....	139	42
1892.....	23	12	1900.....	149	46
1893.....	37	16	1901.....	157	52
1894.....	46	17	1902.....	155	50
1895.....	55	19	1903.....	156	50
1896.....	102	26	1904.....	152	51
1897.....	128	33	1905.....	151	52
1898.....	135	35	1906.....	163	58

The following statement shows the number of ante-mortem inspections of animals intended for slaughter, an increase of 4.69 per cent over the figures reported for the previous fiscal year:

Ante-mortem inspections for the fiscal year 1906.

Kind of animals.	For official abattoirs in cities where inspections were made.	For other cities and miscellaneous buyers.	Total inspec-tions.	Rejected (subject to result of post-mortem inspection).	
				At abat-toirs.	In stock yards.
Cattle.....	7,045,353	6,462,494	13,507,847	1,875	47,307
Sheep.....	8,221,977	7,072,004	15,293,981	921	6,763
Calves.....	1,036,895	651,851	1,688,746	460	13,979
Hogs.....	26,026,484	12,393,513	38,419,997	5,864	83,474
Total.....	42,330,709	26,579,862	68,910,571	9,120	151,523

The following table shows the number of regular post-mortem inspections made, and indicates an increase of 6.66 per cent over the previous fiscal year. The condemnations show an increase of 33.82 per cent over the previous year, due largely to the closer lines of inspections for tuberculosis.

Post-mortem inspections for the fiscal year 1906.

Kind of animals.	Number of inspections.			Carcasses condemned.			
	For official abattoirs.	On ani-mals re-jected in stock yards.	Total in-spections.	For offi-cial abat-toirs.	Of ani-mals re-jected in stock yards.	Total.	Parts of carcases con-demned.
Cattle.....	6,887,001	38,525	6,925,526	16,659	3,780	20,439	4,016
Sheep.....	8,219,605	4,025	8,223,630	4,990	817	5,807	123
Calves.....	1,100,220	2,555	1,102,775	3,432	1,419	4,851	89
Hogs.....	26,580,964	68,389	26,649,353	121,243	6,613	127,856	121,931
Total.....	42,787,790	113,494	42,901,284	146,324	12,629	158,953	126,159

In addition to the carcasses condemned on regular and microscopic examinations, others were tanked as follows:

Carcasses of animals found dead or killed by local inspectors and tanked.

Manner of death.	Cattle.	Sheep.	Calves.	Hogs.	Total.
Died in yards.....	477	543	229	1,282	2,531
Killed in yards by local inspectors.....	417	164	6,694	10,537	17,812
Died at abattoirs.....	390	2,340	218	11,940	14,888
Total.....	1,284	3,047	7,141	23,759	35,231

The various diseases and conditions for which carcasses and parts were condemned and tanked during the year are shown in detail in the following table, which also includes animals found dead and those killed by local inspectors:

Diseases and conditions for which condemnations were made, fiscal year 1906.

Cause of condemnation.	Cattle.		Sheep.		Calves.		Hogs.	
	Carcasses.	Parts.	Carcasses.	Parts.	Carcasses.	Parts.	Carcasses.	Parts.
Actinomycosis.....	797	1,985	.....	.....	2	1	13	5
Tuberculosis.....	13,548	1,114	4	3	25	.....	95,396	113,491
Caseous lymphadenitis.....	.....	.....	680	3	.....	.....	1	.....
Hog cholera and swine plague.....	.....	.....	.....	.....	280	.....	19,329	.....
Texas fever.....	328	.....	6	.....	.....	.....	1	15
Echinococcus.....	.....	.....	2	.....	.....	.....	13	.....
Measles.....	.....	.....	.....	.....	.....	.....	26	.....
Scabies.....	.....	.....	.....	.....	.....	.....	3	.....
Eczema.....	.....	.....	.....	.....	.....	.....	22	.....
Erysipelas.....	.....	.....	.....	.....	.....	.....	11	.....
Cancer.....	22	.....	4	.....	1	.....	624	275
Tumors.....	9	3	7	.....	1	.....	1,256	419
Abscesses.....	94	242	108	22	24	2	1,333	.....
Pneumonia.....	278	.....	335	.....	28	.....	97	1
Pleurisy.....	25	.....	29	1	4	.....	.....	.....
Carditis.....	.....	.....	4	.....	1	.....	.....	2
Enteritis.....	52	.....	123	.....	13	.....	318	.....
Peritonitis.....	299	.....	104	.....	48	.....	685	.....
Metritis.....	76	.....	15	.....	1	.....	229	.....
Nephritis.....	2	.....	11	.....	9	.....	37	.....
Uremia.....	8	.....	26	.....	3	.....	49	.....
Mammritis.....	.....	.....	2	.....	.....	.....	2	.....
Septicemia.....	246	.....	198	.....	56	.....	1,196	.....
Pyemia.....	456	.....	201	.....	51	.....	3,033	.....
Gangrene.....	32	.....	10	.....	6	1	15	.....
Anemia, emaciation, marasmus.....	2,139	.....	2,303	.....	657	.....	798	.....
Ascites.....	10	.....	27	.....	1	.....	59	.....
Jaundice.....	9	.....	488	.....	18	.....	920	.....
Asphyxia.....	19	.....	46	.....	2	.....	.....	.....
Arthritis.....	.....	.....	1	.....	2	.....	.....	.....
Leukemia.....	.....	.....	2	.....	2	.....	.....	.....
Pulmonary apoplexy.....	.....	.....	9	.....	.....	.....	.....	.....
Cysticercus tenuicollis.....	.....	.....	1	.....	.....	.....	.....	.....
Melanosis.....	.....	.....	.....	.....	2	.....	.....	.....
Extreme temperature, various causes.....	.....	.....	144	.....	2	.....	939	.....
Pregnancy.....	81	.....	38	.....	.....	.....	316	.....
Recent parturition.....	122	.....	18	.....	.....	.....	51	.....
Hernia.....	1	.....	4	.....	.....	.....	65	.....
Downers, bruise, injured, etc.....	1,786	672	833	97	391	85	1,019	7,723
Dead from various causes.....	867	.....	2,873	.....	444	.....	13,222	.....
Too young.....	.....	.....	1	.....	3,224	.....	.....	.....
Killed by local inspectors.....	417	.....	164	.....	6,694	.....	10,537	.....
Total.....	21,723	4,016	8,821	123	11,992	89	151,615	121,931

The following table, showing the growth of the post-mortem inspection since it was first inaugurated, indicates that the number of inspections made the past year was the largest in the history of the Bureau:

Number of animals inspected at slaughter for abattoirs having inspection, 1891 to 1906.

Fiscal year.	Cattle.	Calves.	Sheep.	Hogs.	Horses.	Total.
1891.....	83,889					83,889
1892.....	3,167,009	59,089	583,361			3,809,459
1893.....	3,922,079	92,947	870,512			4,885,538
1894.....	3,861,594	96,331	1,020,764	7,648,146		12,626,835
1895.....	3,704,042	116,093	1,428,601	13,616,539		18,865,275
1896.....	3,985,484	256,905	4,629,796	14,250,191		23,122,376
1897.....	4,242,216	273,124	5,209,161	16,808,771		26,533,272
1898.....	4,418,738	244,330	5,496,904	20,893,199		31,053,171
1899.....	4,382,020	246,184	5,603,096	23,836,943	3,332	34,071,575
1900.....	4,841,166	315,693	6,119,886	23,336,884	5,559	34,619,188
1901.....	5,219,149	413,830	6,639,212	24,642,753	1,992	36,916,936
1902.....	5,559,969	555,836	7,434,878	25,277,107	1,649	38,829,439
1903.....	6,134,410	668,855	8,585,960	21,793,738	344	37,183,307
1904.....	6,350,011	764,590	8,261,051	24,128,462		39,504,114
1905.....	6,096,597	845,862	7,872,671	25,323,984		40,139,114
1906.....	6,925,526	1,102,775	8,223,630	26,649,353		42,901,284

The meat-inspection brand or label was placed upon 24,163,869 quarters of beef, 8,154,490 carcasses of sheep, 1,094,946 carcasses of calves, and 939,656 carcasses of hogs. Sacks and barrels of meat were sealed as follows: Beef, 123,470; pork, 1,120,955.

White meat-inspection stamps, indicating the regular post-mortem inspection, were affixed to packages of meat and meat products as follows:

Beef.....	7,684,116
Mutton.....	32,701
Veal.....	2,437
Pork.....	15,940,227
 Total.....	23,659,481

The number of cars sealed containing inspected meats and meat products was 76,956.

The movement of inspected meats between official establishments is shown in the following table. A large amount of work was involved in supervising the shipment of this meat and in identifying it on arrival.

Movement of inspected meat between official establishments.

Class.	Number of quarters and carcasses.	Smaller pieces. (weight).
Beef.....	Quarters. 1,904,056	Pounds. 179,345,864
Mutton.....	Carcasses. 24,103	4,982,206
Veal.....	86,884	816,449
Pork.....	31,556	459,311,407

CERTIFICATES OF INSPECTION OF MEATS FOR EXPORT.

There were 42,784 certificates of ordinary inspection issued to cover meats and meat products for export as follows: 1,304,923 quarters, 9,597 pieces, 787 carcasses, and 1,598,229 packages of beef, weighing 390,291,533 pounds; 42 carcasses and 20,482 packages of mutton, weighing 609,373 pounds; 3,788 carcasses and 646,103 packages of pork, weighing 201,453,171 pounds; a grand total of 592,354,077 pounds.

The following table shows, by years, beginning with 1898, the quantities of the different classes of meat for the exportation of which certificates of ordinary inspection were issued:

Quantities of meat for export under certificates of ordinary inspection, 1898 to 1906.

Fiscal year.			
	Beef.	Mutton.	Pork.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
1898.....	339,650,091	324,996	244,956,482
1899.....	360,845,856	525,705	278,696,435
1900.....	438,138,233	680,897	272,050,663
1901.....	452,830,373	894,648	231,144,938
1902.....	416,990,762	1,145,248	188,360,011
1903.....	371,920,737	2,729,013	133,122,610
1904.....	419,058,781	712,089	154,442,440
1905.....	361,012,062	206,570	155,513,776
1906.....	390,291,533	609,373	201,453,171

The total cost of the work of ordinary meat inspection was \$789,263.76.

THE MICROSCOPIC INSPECTION OF PORK.

The number of hog carcasses examined for trichinæ was 536,997, classified as follows: Class A (free from all appearance of trichinæ), 523,945, being 97.57 per cent; class B (containing trichinalike bodies or disintegrating trichinæ), 6,220, being 1.16 per cent; class C (containing live trichinæ), 6,832, being 1.27 per cent.

The number of trichinous carcasses disposed of was 6,926, weighing 1,613,365 pounds, 47.24 per cent of which was tanked, the remainder being converted into cooked meat products.

The number of certificates issued for microscopically inspected pork was 3,104, covering 68,689 stamped packages containing 26,566,409 pounds of pork and pork products.

The following table shows, by years, the quantity of pork exported since 1892 to countries requiring microscopic inspection. The increase of 1906 over 1905 was 80.45 per cent.

Quantities of pork exported to countries requiring microscopic inspection, 1892 to 1906.

Fiscal year.	Pounds.	Fiscal year.	Pounds.	Fiscal year.	Pounds.	Fiscal year.	Pounds.
1892.....	22,025,698	1896.....	21,497,321	1900.....	55,809,626	1904.....	9,020,521
1893.....	8,059,758	1897.....	42,570,572	1901.....	35,942,404	1905.....	14,721,935
1894.....	18,845,119	1898.....	120,110,356	1902.....	33,681,229	1906.....	26,566,409
1895.....	39,355,230	1899.....	108,858,149	1903.....	19,108,341		

The cost of microscopic inspection was \$63,297.94, being an average of 11.79 cents for each carcass examined and 0.24 cent for each pound exported.

INSPECTION OF VESSELS AND EXPORT ANIMALS.

Seven hundred and forty-nine vessels carrying live stock were inspected before clearance. The number of certificates of inspection issued for American cattle exported to Europe was 1,312.

The following table shows the number of inspections of live animals for export and the number exported during the year:

Number of inspections of American and Canadian animals for export, number rejected, and number exported, fiscal year 1906.

Kind of animals.	American animals.			Canadian animals.		
	Number of inspections. ^a	Number rejected.	Number exported.	Number inspected.	Number rejected.	Number exported.
Cattle.....	805,045	1,516	^b 416,372	46,874	11	46,863
Sheep.....	137,824	93	^c 67,340	27,282	25	27,257
Horses.....	1,393	.....	1,252	6	.....	6

^a The apparent discrepancy between the figures of this column and those of the two following columns is due to the fact that a large proportion of the animals were inspected more than once, thus making the number of inspections considerably larger than the actual number of animals, and that in a few cases part of the animals inspected and passed for export were diverted and slaughtered in this country by the owners.

^b 34,181 via Canada.

^c 4,314 via Canada.

All animals included in the foregoing statement as exported were shipped to Great Britain except 7,981 cattle and 77 horses to Belgium, 110 horses to Germany, and 150 horses to France.

Other animals were exported as follows: 2,597 cattle, 1,360 sheep, 21 horses, 144 mules, and 1,061 swine, of which 1,193 cattle and 1,153 sheep were destined to Bermuda, 130 cattle to Barbados, 1,345 cattle to Brazil; 30 cattle, 56 swine, and 11 horses to Argentina; 9 cattle to Mexico, 1 bull to British Guiana, 77 sheep to the West Indies, 1 horse to Jamaica, 100 mules to Cuba; 11 cattle, 1,005 swine, 44 mules, and 9 horses to Hawaii, and 8 cattle to Lower California.

The following table shows the number of animals inspected on landing at the three British ports where the Bureau maintains inspection and to which the greater part of the exports go, also the number and percentage lost in transit. It will be observed that under the Bureau's supervision of this traffic the percentage of loss is very low.

Number of animals inspected at time of landing in London, Liverpool, and Glasgow, and the loss in transit, fiscal year 1906.

From—	Cattle.			Sheep.			Horses.		
	Landed.	Lost.	Per cent of loss.	Landed.	Lost.	Per cent of loss.	Landed.	Lost.	Per cent of loss.
United States ..	380,980	535	0.140	65,650	220	0.334	902	9	0.998
Canada.....	38,750	130	.334	25,203	390	1.524	6	.....	.....
Total.....	419,730	665	.158	90,853	610	.666	908	9	.991

Special certificates of health were issued for the exportation of 2,830 cattle, 309 hogs, and 5 goats.

Tuberculin tests were made on 447 cattle in order to meet the requirements of the countries to which they were intended to be exported. Of these cattle 410 passed and 37 were rejected.

The total cost of the Bureau work in connection with the exportation of live animals was \$49,349.22.

INSPECTION AND QUARANTINE OF IMPORTED ANIMALS.

In order to exclude from this country the contagion of the destructive animal diseases which exist in other parts of the world it is necessary to use the utmost vigilance with regard to imported animals. The perfection of the system of inspection and quarantine maintained on the Atlantic coast gives great protection to that section. Inspection is also maintained along the Canadian and Mexican borders, and arrangements are made for quarantine at certain points. As the Department refuses to permit the importation of animals from the Orient, owing to the great prevalence of dangerous animal diseases there, and as the importation of all kinds of animals from the Philippines is prohibited by Executive order for the same reason, no importations are permitted on the Pacific seaboard from across the seas. In spite of these precautions, however, there appears to be a possibility of contagion being brought in with forage or straw used as packing in China, or surreptitiously by pet animals. It is believed that the importation of forage from China and the use of hay or straw in packing goods for shipment from that country to the United States should be prohibited. There is especial danger that surra may be brought in by dogs from the Philippines, though the customs authorities have shown vigilance in preventing this.

All animals offered for importation are required to be inspected, and certain kinds, when coming from certain countries, are in addition required to be quarantined for a sufficient period to insure their freedom from contagion.

The following table shows the number of imported animals inspected and quarantined, and the number admitted on inspection without quarantine, during the fiscal year:

Imported animals inspected, with or without quarantine, fiscal year ended June 30, 1906.

QUARANTINED.

Port of entry.	Cattle.	Sheep.	Swine.	Horses.	Mules and asses.	Goats.	Other animals.
New York.....	500	523	55	.....	.....	270	.....
Boston.....	35	52	.....	.....	.....	.....	.....
Baltimore.....	72	15	.....	.....	.....	1	.....
Canadian border ports:							
Beecher Falls, Vt.....	70	14	1	.....	.....	.....	.....
Buffalo, N. Y.....	9	1	2	.....	.....	.....	.....
Cape Vincent, N. Y.....	2	.....	.....	.....	.....	.....	.....
Charlotte, N. Y.....	2	.....	.....	.....	.....	.....	.....
Clayton, N. Y.....	2	.....	.....	.....	.....	.....	.....
Detroit, Mich.....	3	.....	1	.....	.....	.....	.....
Eastport and Calais, Me.....	4	41	2	.....	.....	.....	2
Fort Fairfield, Me.....	39	51	2	.....	.....	.....	.....
Hogansburg, N. Y.....	2	.....	.....	.....	.....	.....	.....
Island Pond, Vt.....	17	.....	3	.....	.....	.....	.....
Massena, N. Y.....	10	2	.....	.....	.....	.....	.....
Newport, Vt.....	4	2	.....	.....	.....	.....	.....
Ogdensburg, N. Y.....	9	.....	.....	.....	.....	.....	.....
Sault Ste. Marie, Mich.....	1	.....	.....	.....	.....	.....	.....
Vanceboro, Me.....	8	3	.....	.....	.....	.....	.....
Total quarantined.....	789	704	66	.....	.....	273	66

^aComprises 4 antelopes, 1 anoa, 1 zebra, 1 stag, 1 waterbuck, 1 peccary, 2 wart-hogs, 2 zebras, 13 camels, 1 gnu, 1 aoudad, 3 gazels, 1 alpaca, 1 thamin (deer), 2 mouflons, 1 muntjac, 5 llamas, 19 deer, 1 markhor, 1 nilgau, 1 thar (goat), and 3 giraffes.

Imported animals inspected, with or without quarantine, fiscal year ended June 30, 1906—Continued.

NOT QUARANTINED.

Port of entry.	Cattle.	Sheep.	Swine.	Horses.	Mules and asses.	Goats.	Other animals.
New York				2,650	33		
Boston				92	3		
Baltimore				137	6		
Philadelphia				17			
San Francisco				2			
From Mexico:							
El Paso, Tex. ^b	18,258	15,795		104	153	2	
Eagle Pass, Tex.				7			
Laredo, Tex.				106	1		
Nogales, Ariz.	7,141	1	2	17	109	40	
San Diego, Cal.	671	4,160	18	277	128		
Calexico, Cal. ^f	1,632			76	17		
Canadian border ports:							
Alburg, Vt.	1	24	1	15			
Beecher Falls, Vt.	13	7		35			
Bridgewater, Me.	1			2			
Buffalo, N. Y.	492	100,867	57	868		1	
Calais, Me.				22	2		
Cape Vincent, N. Y.	145				31		
Chateaugay, N. Y.	110	10			38		
Clayton, N. Y.		5			1		
Derby Line, Vt.	4	29			68		
Detroit, Mich.	696	743	72	736	4		
Eastport, Me.					23		
Fort Covington, N. Y.	27				24		
Fort Fairfield, Me.	22		1		129		
Hogansburg, N. Y.	1				17		
Houlton, Me.	2				5		
Island Pond, Vt.	10	144	2		60		
Lowelltown, Me.	38	1			13		
Malone, N. Y.	155	18			45		
Massena, N. Y.	2	1			5		
Monticello, Me.					1		
Moers, N. Y.	81				63		
Morrisstown, N. Y.	3	407			21		
Newport, Vt.	197	209	12	106		8	
Niagara Falls, N. Y.	79	670	54		385		
North Troy, Vt.	73	13	2		16		
Ogdensburg, N. Y.	201	1	1		99		
Port Huron, Mich.	284	4,642	84	495	4		
Richford, Vt.	36	64	1	76			
Rochester, N. Y.					2		
Rouses Point, N. Y.	85	65			50		
St. Albans, Vt.	14	3			83		
Sault Ste. Marie, Mich.	3				9		
Swanton, Vt.	1	3	2		21		
Vanceboro, Me.	15	210			151		
Waddington, N. Y.	1				34		
Total not quarantined.	30,494	128,092	309	7,234	460	54	59
Grand total.	31,283	128,796	375	7,234	460	327	125

^a Zebras.^b The figures for El Paso include 3,331 cattle, 92 horses, and 143 mules in transit to Mexico, and 772 cattle in transit to Canada.^c Deer.^d Four deer, 5 camels, 1 elk, and 2 llamas.^e Two deer and 2 tigers.^f The figures for Calexico include 2 cattle, 47 horses, and 8 mules, United States animals returned from Mexico.^g Three elephants and 2 camels.^h One deer, 1 elk, 2 llamas, and 5 camels.ⁱ Freak bull.^j Four deer and 6 caribou.

In addition to its regular quarantine stations at Athenia, N. J., Littleton, Mass., and Halethorpe, Md., for the ports of New York, Boston, and Baltimore, respectively, the Bureau in June, 1905, secured control of Simonson's Island, an isolated point located on the Fresh Kills, a tributary of Staten Island Sound, as a place of special quarantine in cases where more complete isolation of the animals

was desirable. This arrangement was first made for the quarantine of milch goats imported from Switzerland, under an agreement whereby the owner was to accept a per capita fee, to be paid by the importers, as a rental or compensation, the importer likewise paying for the necessary feed, bedding, and animal attendants, under the rule governing the quarantine of animals. A similar agreement has been made for another year. This island was used for the quarantine of 139 head of goats in October, 1905, 35 head of goats in May, 1906, and 51 head of cattle in June, 1906.

The quarantine stations on the Atlantic seaboard, with the exception of that at Halethorp (near Baltimore), are in a satisfactory condition. At the latter station most of the buildings are in a dilapidated condition, and for the purposes of the port of Baltimore the station is not suitably located. The ground immediately adjoining is being surveyed for a race course, and this will further render the station unsuitable for quarantine purposes, as it would be impossible to keep away from the quarantine grounds the people who would frequent the race track as employees and visitors. These circumstances will in all probability soon make it imperative to abandon the present station and find a new location. It is hoped that a location may be secured on the water front of the Patapsco River, which will permit the unloading of animals directly from steamers or barges to a wharf on the quarantine ground. Some investigations have been made of land so located, and it seems probable that satisfactory arrangements can be made for the use of such land. In order to equip the new station with buildings and inclosures, however, an appropriation will be absolutely necessary.

TUBERCULIN TEST IN GREAT BRITAIN.

For the convenience of importers of fine breeding cattle the Bureau has continued making tuberculin tests in England and Scotland of cattle intended for importation into the United States. The results of these tests during the fiscal year are shown in the following table:

Results of tuberculin tests in England and Scotland of cattle for importation.

Breed.	Passed.	Rejected.
Ayrshire.....	17	10
Guernsey (in England).....	54	7
Dexter-Kerry.....	20	3
Shorthorn.....	10	2
Jersey.....	3	0
Aberdeen-Angus.....	31	2
Hereford.....	3	0
Dutch.....	30	9
Total.....	168	33

CONTROL OF CONTAGIOUS DISEASES.

The work of the Bureau for the control and eradication of contagious diseases has continued. This work during the past fiscal year, as heretofore, has consisted of the maintenance of a quarantine of the section infected with Texas or southern cattle fever and the

supervision of the movement of cattle from that section to points above the quarantine line; also the eradication of sheep scab, cattle mange, scabies in horses, and a venereal disease of horses known as maladie du coït.

TEXAS FEVER.

During the quarantine season of 1905 there were received at live-stock centers 47,496 carloads of cattle shipped for immediate slaughter from points below the quarantine line, the whole number of such cattle being 1,279,453. There were also inspected in the noninfected areas of Texas and Oklahoma 125,225 head of cattle which were permitted to be moved north for purposes other than immediate slaughter. Supervision was exercised over 100,916 dippings in crude petroleum, and over the cleaning and disinfection of 42,510 cars. The total cost of this work was \$45,984.81.

SHEEP SCAB.

In some States there has been a slight increase in sheep scab, but taken as a whole the condition is decidedly encouraging. The proportion of infected sheep during the past year was $5\frac{1}{2}$ per cent of those inspected, while during the previous year it was $7\frac{1}{2}$ per cent.

In Arizona the conditions are decidedly improved and the percentage of disease is less than in former years. Idaho, Utah, and Wyoming also show a decided improvement. During the fiscal year just closed the ratio of infected sheep in those States was 1 in 43, while for the previous year it was 1 in 14. It is expected that conditions in Utah and Wyoming will soon be such that the Department can remove the quarantine from those States. From a survey of the entire field there is cause for the belief that this disease is being gradually brought under control.

During the fiscal year the total number of inspections of sheep for scabies was 59,246,288, and the total number of dippings was 12,396,976, of which 1,661,020 were redippings.

The total cost of this work was \$181,414.39.

The following table shows the number of inspections and dippings of sheep for scabies, and cars cleaned and disinfected, 1900 to 1906:

	Fiscal year.						
	1900.	1901.	1902.	1903.	1904.	1905.	1906.
Inspections.....	1,801,392	7,912,724	11,186,661	16,444,370	40,967,961	53,680,786	59,246,288
Dippings.....	626,838	1,034,368	1,017,162	2,167,002	9,578,476	16,873,659	12,396,976
Cars cleaned and disinfected.....			791	752	2,732	7,965	8,625

CATTLE MANGE.

During the fiscal year the Bureau, in cooperation with State and Territorial officials, has made rapid progress in the extermination of mange in cattle. The State of Washington and Oregon and large portions of the States of Kansas, Colorado, Wyoming, and Texas, and of the Territories of New Mexico and Oklahoma have been released

from quarantine. The disease is being successfully controlled and eradicated in extensive areas in North Dakota, South Dakota, Wyoming, and Texas, and the early release of these areas from quarantine may be expected.

The total number of inspections of cattle for scabies during the fiscal year was 14,983,260, and the total number of dippings was 243,826, of which 24,688 were redippings.

The total cost of this work was \$83,108.46.

The following table shows the number of inspections and dippings of cattle for scabies, and cars cleaned and disinfected, by fiscal years, from 1904 to 1906:

	Fiscal year.		
	1904.	1905.	1906.
Inspections.....	1,124,321	14,085,267	14,983,260
Dippings.....	162,554	563,394	243,826
Cars cleaned and disinfected.....	532	29,897	19,992

SCABIES IN HORSES.

The total number of inspections of horses for scabies was 27,507, and the total number of dippings was 690.

VENEREAL DISEASE OF HORSES.

The insidious venereal disease of horses known as maladie du coït, or dourine, which has existed in portions of South Dakota, Nebraska, and Iowa, is believed to have been practically eradicated as a result of several years' vigilant work by the Bureau. During the past fiscal year 965 inspections were made, and only 3 cases were found that were considered sufficiently suspicious for condemnation—1 stallion and 2 mares. Neither of the latter showed lesions characteristic of the disease on post-mortem examination. The stallion was killed by the owner and had been buried several days before the inspector reached the place, when it was too late to make a conclusive post-mortem examination. Animals that may possibly have been exposed to the disease will be kept under close observation, and any reports of suspected cases will be promptly investigated until sufficient time has elapsed to warrant confidence that the eradication is complete.

TEXAS FEVER INVESTIGATIONS AND TICK ERADICATION.

Special attention has been given during the year to the study of the disease commonly known as Texas fever, of the life history of the tick which transmits this fever, and of the methods for eradicating these fever ticks, in view of the proposed campaign for the eradication of the ticks from the infected section. For the purpose of giving information to the public on this subject two bulletins (Bureau Bulletin No. 78 and Farmers' Bulletin No. 258) have been prepared by Dr. John R. Mohler, chief of the Pathological Division, and issued during the year.

The act of Congress approved June 30, 1906, appropriated \$82,500 to enable the Secretary of Agriculture to undertake experimental

work in cooperation with State authorities in eradicating the ticks transmitting southern cattle fever. Anticipating this appropriation, the Bureau took up with the various State and Territorial authorities the subject of eradicating the ticks, with a view to ascertaining whether or not the laws and regulations of the various States and Territories would permit of conducting a vigorous campaign against the fever tick. It was found that, while some State laws afford ample provisions, other States either have no law bearing on the subject or the statutes are inadequate. It is urged that such laws be enacted by the different States in the infected area as will enable close cooperation between this Bureau and the State in the work of eradicating cattle ticks. The State and Territorial laws should give to local officers authority to enter premises, to inspect live stock, and to enforce the necessary quarantine and disinfection. The laws should also give authority to the proper State officials to issue rules and regulations and to confer authority upon Federal representatives to act as officials of the State in such matters. Funds should also be provided for the employment of local inspectors.

The Bureau also made plans to place additional inspectors in the field and to cooperate with the local officials in the different infected localities in an endeavor to exterminate cattle ticks by the various methods, and this work has since been taken up actively along the quarantine line from Virginia to California. It may be stated that as a result of the work of the last six months of 1906 it is believed that 40 whole counties and parts of 11 other counties, with an area larger than that of the State of Virginia, may safely be released from quarantine. By directing the principal efforts from the quarantine line southward it is believed that the infested territory can be gradually reduced and the line pushed farther south from year to year. It should be understood, however, that the complete eradication of the ticks from the entire section is an undertaking of great magnitude and difficulty and one that will require several years for its accomplishment.

Experiments have been conducted at the Bureau Experiment Station near Washington, D. C., also in Virginia, and, with the cooperation of the South Carolina Experiment Station, at Clemson, S. C., regarding the life history of the Texas fever tick and the exact time required for the tick to live parasitically on the cattle as well as the length of time it can exist without a host. As a result of these investigations several methods for the eradication of ticks, which have been found to be satisfactory for the States in which they were tried and under the climatic conditions met during the experiments, have been recommended in the bulletins mentioned.

Besides the six methods already published, there have been several combinations of these methods tried on certain farms with entirely satisfactory results. Thus, on one Virginia farm where the conditions were not such as to warrant the use of any one of the outlined plans in its entirety, a combination was suggested which has succeeded in completely ridding the cattle and premises of ticks. The 16 dairy cattle were removed from the infected pasture on September 10 and then placed on a cultivated field, where they were soiled. All ticks were carefully removed by hand three times weekly and burned. In this manner no tick was permitted to mature or to drop off during the egg-producing age. The cattle, which soon became tick free,

were not placed on the original pasture until May 1, by which time it had also become free of ticks, and it has remained so.

A somewhat similar combination proved successful on another dairy farm in Virginia. The infected cattle were taken from one pasture early in June, 1905, and placed on a second pasture, from which they were moved September 11 to a cultivated field, where they were hand picked three times weekly. As no noninfected pasture was available and it was not desirable to go to the expense of fencing the field, these cattle were kept free of ticks by hand picking and by mopping with crude petroleum that portion of the skin usually infested with ticks, and were continued on this cultivated land until fall, when they were placed in a barn which had been previously well disinfected with a chloride of lime solution and the barnyard cleaned of all manure, litter, and other harborers of ticks and eggs. The following spring the two pastures, which in all probability were by that time free of ticks, were nevertheless burned off for the sake of safety, and the cattle were placed thereon in April, and have since given no indication of becoming tick infested.

Experiments relative to the dropping off of ticks from cattle in feed lots were tried at the Bureau Experiment Station, also in Virginia and South Carolina, and the results were published in Bulletin No. 78.

The cooperative work being done in South Carolina consists of two demonstrations which have for their object the eradication of the Texas fever ticks from Oconee and Pickens counties. One demonstration has for its basis the known fact that the adult tick drops off the cattle to lay its eggs, after which it dies, and the young ticks can never reach maturity unless they gain access to the body of a host animal, in the absence of which animal they perish after varying lengths of time. The method being followed on one large farm heavily infested with ticks consists in pasture rotation, in the operation of which the original pasture is divided into two by a double line of fence about June 1, and the cattle are moved into one half, where they remain until September 10, after which they are moved three times at intervals of twenty days to fresh tick-free land from which the crops have been gathered. The cattle are then free from ticks, and on November 10 they are moved to the half of the original pasture which had been kept free of animals since June 1, by which time all the ticks it contained will have perished. By the following May all ticks on the other half will also have disappeared, both farm and cattle will be free of ticks, and the double line of fence can be removed. The second demonstration consists in the location of all the infected farms in the above-mentioned counties, and in hand mopping all the cattle on these infected farms in the fall with Beaumont crude petroleum to catch the last crop of ticks, and a similar treatment at the beginning of spring to kill all of those ticks which have survived the winter. This method has been followed with very satisfactory results, and the possibility of applying the same mode of treatment to cattle on large ranches by dipping with the view of destroying the last crop of ticks in the fall and the first crop in the spring is now receiving consideration.

In the practical operation of any method already outlined, or a combination of two or more of these methods, it is to be hoped that the Bureau will receive the cooperation as well as the support of all

southern agriculturists, which is so essential if the ultimate object of tick eradication is to be obtained. And there is small use of one farmer or set of farmers freeing their lands and cattle of the parasites if their lands and cattle are to be constantly exposed to the danger of reinestation from the ticks of their immediate nonprogressive neighbors.

A simultaneous experiment with the same generation of ticks has been inaugurated at the Bureau Experiment Station and at the South Carolina Experiment Station in order to determine if the first crop of ticks is less virulent than later crops or if the cattle in the cooler spring months are not so susceptible as in the hot summer months, but this experiment has not been concluded.

A considerable amount of work was done by the Bureau station in an attempt to discover a more satisfactory method than that in common use for the production of immunity in cattle against Texas fever. The method now in use is unfortunate in that it frequently causes quite severe disease and occasionally the death of the treated animals. The experiments have not progressed sufficiently to merit more than a simple reference to them.

Further investigations have been made relative to the persistence of the parasite of Texas fever in the blood of southern cattle after their removal from all sources of fresh infection or reinfection and the significance of this persistence. A report on these investigations, also a general article on the southern cattle tick, have been prepared for publication in the Twenty-second Annual Report of the Bureau.

TUBERCULOSIS.

EXPERIMENTS IN IMMUNIZING CATTLE.

A number of prominent investigators, both in this country and in Europe, have recently been testing and recommending various methods for the protective inoculation of cattle against tuberculosis. Their systems of operation are mainly based upon similar processes; that is, they all inject the cattle with tubercle bacilli of either human or bovine origin. There is, however, considerable variation in the manner of administering the injections and also in the number of applications considered necessary to produce adequate protection for the animal, and there is also a difference in the preferred age at which the cattle are to be treated. In order that the most promising of these methods for immunizing cattle against tuberculosis might be tested and that new features which are greatly to be desired and which are lacking in present methods might be perfected and proved, some comparative experiments have been conducted by the Pathological Division with the cooperation of the Experiment Station. A number of calves have been inoculated in a variety of ways and with differing amounts of living tubercle organisms from varied sources. Numerous check animals are also being used, and these, with the several lots of test cattle, will later be subjected to exposure to virulent tubercle bacilli. The lot of cattle showing the greatest proportion of resistant animals at the completion of this experiment will be selected as representing the most feasible and effective method of immunizing cattle against tuberculosis. It is very desirable that perfect protection be afforded the cattle, if possible, by a single in-

oculation of the protective virus. It is therefore one of the aims of the present work to select cultures possessing the greatest degree of virulence compatible with safety to the animals treated, and at the same time to select some part of the animal's body as the seat of the injection that is but little liable to convey the micro-organisms to the glandular system, where they might readily cause the establishment of a generalized case of the very disease which it is so desirable to guard against. Owing to the slow development of tuberculosis naturally, no absolute selection of the best from among these various methods of protection can be made until the animals have proved by long exposure their ability to withstand the attacks of the tubercle bacilli.

TUBERCULOSIS IN HOGS.

Another phase of the subject of tuberculosis which has received a great deal of study by the Pathological Division is the increase in the number of tuberculous hogs received at abattoirs where Federal inspection is maintained. The records of the post-mortem inspectors at the various packing houses have been examined with a view to ascertaining the geographical location of the most serious centers of the disease, and at the same time tabulated forms have been prepared which show at a glance the proportion of cases in which the disease is limited to the throat of the hog, those where the lesions are localized but are established elsewhere than in the throat, and finally the proportion of serious generalized cases. It has been found that approximately 92 per cent of the 96,000 hogs thus reported tuberculous were affected in the cervical glands, and that some 30 per cent of these had no other lesion. The necessity of careful inspection of each head at the time of slaughter needs no further demonstration.

An effort has been made by the Pathological Division in conjunction with the Experiment Station to discover the most probable source of infection of these animals. It has been found that wherever tuberculous hogs are marketed from a farm the cows of that farm are tuberculous, or else the hogs have been fed upon skim milk or separator refuse from some public creamery to which the milk of tuberculous cows, or perhaps of but a single tuberculous cow, is delivered. Separator sediment has been obtained from several suspected creameries, and animal inoculations and microscopic examinations have demonstrated the presence of tubercle bacilli in 25 per cent of the samples of such refuse, thus proving the necessity of guarding calves and pigs from this source of infection. Such milk may be sterilized by warming to 176° F. (or 80° C.). One instance of serious infection was discovered, where the tuberculous cattle which originally brought the disease to the ranch had been destroyed. Still the disease persisted in attacking on an average some 24 per cent of the hogs marketed from the place during the following three years. Investigation then showed that the brood sows, which had been retained for some time, were badly infected and that they served as sources of tubercular contamination to each succeeding generation of pigs.

The investigations during the past year have therefore included the infection of sucking pigs through the tuberculous mammae of their mothers. Other hogs have been exposed to infection by following tuberculous cattle, where they had full access to all excretions from

them; others have been fed with tuberculous milk, and still others have been penned with cattle that were being fed upon tubercle bacilli of artificial cultivation in order that the infectiveness of the bacilli after passage through the alimentary tracts of the cattle might be observed. It was shown that hogs readily contract tuberculosis from eating the feces of tuberculous cattle and that this is probably one of the commonest causes of tuberculosis among hogs. Hogs were found invariably to show tuberculous disease of the lymph glands located at the angles of the jaws when infection reached their bodies through ingestion. Tubercle bacilli given cattle in their drinking water were found to pass through the entire length of their digestive apparatus and to appear in their feces without having lost the power to produce tuberculous disease. This last fact indicates that animals with tuberculous lungs, while they do not expectorate after coughing up tuberculous material, nevertheless scatter bacilli freely, by swallowing them, having them pass through their intestines and discharging them with their feces.

Experiments in the application of the tubercular test to hogs were also made in connection with the above studies, and it was shown that, if the proper precautions are taken, the diagnostic value of tuberculin with hogs is as great as with cattle. A method of procedure which was reliable in 97 per cent of the animals tested has been found. Bulletin No. 88, which contains full information upon these subjects, has just been issued.

OTHER EXPERIMENTS WITH TUBERCULOSIS.

It was shown by the investigations of the Experiment Station that the locations of lesions in the bodies of animals affected with tuberculosis is no guide as to the mode of infection, and that pulmonary disease is the most frequent form in which tuberculosis occurs is not necessarily because the commonest mode of infection is through the respiration, but more probably because of the relation of the lymphatic stream to the venous circulation and the filtration by the lung of the venous blood after the lymph has been poured into it and before it reaches any other organ.

Guinea pigs, which are generally regarded as extremely susceptible to tuberculosis, irrespective of the manner in which they are brought in contact with the infection, were found to possess a high degree of immunity when the infectious material entered their bodies through ingestion in the form of artificially infected milk. The contrary was shown to be true of hogs, which were found to be very susceptible to ingested infection of the kind that failed to injure the guinea pigs. It should be added that the immunity of guinea pigs to ingested tuberculous infection has a parallel in a similar immunity possessed by them to respiration infection. Among many hundreds confined for varying periods of time during the last ten years in a small one-room animal hospital, which contained tuberculous guinea pigs at all times and for long periods of time, also tuberculous monkeys and rabbits, only one guinea pig is known to have contracted tuberculosis. This one animal became affected with what may be called, to distinguish it from artificially induced disease, naturally acquired tuberculosis through the intensest kind of exposure. It was one of three young produced in a small cage containing six adult females affected with

generalized tuberculosis. The tuberculous mother nursed this and the other two young, which remained healthy.

To injected tuberculous infection, quite independent of the character of the injection, guinea pigs have always been found to possess the high susceptibility with which they are commonly credited. This subject has been gone into at some length because it is of considerable importance in view of the extent to which guinea pigs are used by investigators in their studies of tuberculous.

The examination of the feces of a number of tuberculous cattle showed that they are frequently very rich in acid-fast bacteria; that is, bacteria which have the microscopic appearance of and conduct themselves precisely like tubercle bacilli in the presence of various reagents. Such acid-fast bacteria could not be detected in the feces of the station cattle that are free from tuberculosis. In two cases, with the feces of two tuberculous cows, the acid-fast bacteria were definitely proved by inoculation tests to be tubercle bacilli. That the feces of tuberculous cattle may contain innumerable virulent tubercle bacilli must be regarded as a seriously important fact.

Cultures of tubercle bacilli which have been used since 1902 for the study of the transformation of characteristics of tubercle bacilli following their long-continued cultivation under artificial conditions have been kept under observation in the Pathological Division during the year, and the changes which have occurred in them have been noted.

Tubercle bacilli have been recovered from several rare animals at the National Zoological Park, such as the rattlesnake, the camel, the beaver, kangaroo rats, and the roughed or crab-eating fox, and it is of interest to note that these animals suffer from natural infections with tuberculosis, and that in most instances the micro-organisms present conform to the human type of tubercle bacilli.

DISTRIBUTION OF TUBERCULIN.

The demand for tuberculin, which is prepared in the Biochemic Division and furnished free of charge by the Bureau to authorized health officers in the various States and cities, greatly increased during the past year. The total amount of tuberculin prepared and shipped during the year was 103,510 doses, an increase of approximately 40 per cent over the amount sent out during the previous fiscal year.

HOG CHOLERA INVESTIGATIONS.

In the previous annual report the results of the experiments concerning the etiology of hog cholera were briefly described. The Biochemic Division, in pursuing this work further during the past fiscal year, has demonstrated that the filterable virus which has already been shown to be the primary cause of hog cholera in southwestern Iowa is also present in outbreaks of that disease occurring in eastern Nebraska, in central Iowa, and in Virginia. The outbreaks which have been studied in these localities possessed all of the well-known characteristics of hog cholera. These experiments demonstrated that the filterable virus is not peculiar to hog cholera as it is found in southwestern Iowa, and they also indicated that this virus was widely distributed and probably the active causative agent of all outbreaks

of that disease. A number of experiments having for their object the determination of the mode of transmission of the disease, the portal of entry of the virus into the hog's body, the length of life of the virus outside of the hog's body, and the nature of the virus itself, have been carried out, and the results will all be published later in bulletin form.

In connection with the other experiments the bactericidal action of hog's blood has been investigated and the results are now ready for publication. It is very gratifying to note that these recent experiments have substantiated in every way the results published in Bulletin No. 72.

In addition to the work just described, a certain number of experiments concerning the production of immunity from hog cholera have been arrived at, these immunity experiments being based upon the recently demonstrated fact (see Bulletin No. 72, Bureau of Animal Industry) that the primary cause of hog cholera exists in the blood of hogs sick of that disease, but not in pure cultures of *Bacillus cholerae suis*, which had previously been regarded as the cause of hog cholera. In a general way, the methods employed may be said to embrace the following general principles:

(1) The injection of hogs immune from hog cholera with blood from hogs sick of that disease.

(2) The drawing of blood from the immune hog hyperimmunized by injections of diseased blood, and the use of this immune blood, either alone or in conjunction with diseased blood, for immunizing healthy hogs or treating those sick of hog cholera.

By methods based on these principles we have secured from each of three different immunes, treated with different strains of diseased blood, sera which in doses of 10 c. c. to 20 c. c. afforded complete protection to nonimmune hogs against an infection which was fatal to from 70 to 100 per cent of untreated animals.

In view of these favorable results the process was patented in such a manner as to insure to all the people in the United States the right to its use free of any royalty, the patent being taken out in this way by Dr. M. Dorset, chief of the Biochemic Division, who planned and directed the investigations. The number of experiments thus far carried out is not considered sufficient to warrant the present recommendation of this process for general use, but further experiments are being pushed as rapidly as is consistent with thoroughness, and it is hoped that a detailed statement of the results obtained may be made during the present year.

Experiments in the prevention of hog cholera by selective breeding are being continued with the object of developing by artificial selection a race of hogs which will possess partial or complete immunity from hog cholera. This work, which is carried on by the Biochemic Division in cooperation with the Experiment Station, was begun several years ago, naturally immune hogs being used as a basis and each litter exposed to infection. Thus there were retained out of each litter only those animals which showed the greatest powers of resistance. Several generations of animals have been exposed to disease during the last two or three years and the work is still being carried on, but sufficient results have not been obtained to warrant an expression of opinion as to the final outcome.

GLANDERS.

During the year isolated outbreaks of glanders have been reported from various quarters, and material from suspected cases has been forwarded to the pathological laboratory for examination and diagnosis. Nasal secretions and tissues from horses were received from North Dakota, Connecticut, Maryland, Virginia, and the District of Columbia. The samples from Connecticut proved negative for glanders, but positive results were obtained from all other sources. Cases occurring in the District of Columbia come directly under the supervision of the Chief of the Bureau of Animal Industry, who directs the disposition of the animals, the isolation and testing of exposed animals, and the disinfection of the premises.

Of very great importance for the diagnosis of glanders is the Gruber-Widal reaction, first recommended by MacFadyean in 1896, which has been made use of during the past few years. It has been employed in a number of cases quite successfully, but up to the present time has not been used as a routine measure, as the character of most of the specimens received makes it necessary to rely for diagnosis either upon the Strauss inoculation method or the isolation of the specific bacillus itself. The Strauss method, in our hands, has also given excellent results, and but for the time required would be an ideal means of diagnosis.

The serum diagnosis (or the Gruber-Widal test) of glanders consists in the addition of fixed, definite quantities of blood serum from the suspected animals to young cultures of the *Bacillus mallei*, and, if the case be positive, results in an agglutination or aggregation of the isolated bacilli into small clumps, which eventually cling to the side or drop to the bottom of the tube of culture medium in which they have previously been held in suspension.

DISTRIBUTION OF MALLEIN.

The Bureau has continued to furnish mallein free of charge to authorized health officers and to the War Department, and during the fiscal year 10,105 doses, prepared by the Biochemic Division, were so distributed. This represents an increase of about 40 per cent over the distribution of the preceding fiscal year.

BLACKLEG.

The great demand for blackleg vaccine still continues, thus showing the confidence of the stock raiser in the efficacy of vaccinating his young cattle for the prevention of spontaneous outbreaks of this virulent disease. During the year there have been prepared in the Pathological Division and distributed among stock owners 1,350,915 doses of vaccine.

The results of inoculations for the year ending June 30, 1905, as reported to the Bureau by the stock raisers who have used the vaccine are as follows:

Results obtained from vaccine distributed during the fiscal year ended June 30, 1905.

State or Territory.	Number of reports.	Number of cattle vaccinated.	Deaths same season previous to vaccination.		Died after vaccination.					
			Number.	Per cent.	Within 48 hours.	From 2 to 7 days after.	Within 1 year.	Number of cases due to mistakes.	Total number.	Percentage of deaths.
Arizona.	50	5,320	318	5.97	5	4	18	.....	27	0.57
Arkansas.	20	826	67	8.11	.....	5	1	.....	6	.72
California.	403	47,064	819	1.74	15	30	144	4	193	.41
Colorado.	609	65,663	896	1.36	17	58	219	5	299	.45
Idaho.	38	2,788	114	4.09	1	1	.....	.....	2	.07
Illinois.	72	3,076	129	4.18	.....	4	21	.....	25	.81
Indiana.	11	501	14	2.79	.....	.....	.....	.....	.....	.....
Indian Territory.	36	3,686	173	4.69	.....	2	47	.....	49	.10
Iowa.	111	7,402	144	1.94	5	6	100	3	114	.15
Kansas.	522	68,749	878	1.27	20	60	174	2	256	.037
Kentucky.	16	634	27	4.25	1	2	2	.....	5	.078
Michigan.	3	52	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota.	15	640	24	3.75	2	2	1	.....	5	.078
Mississippi.	5	263	5	1.9	.....	.....	4	.....	4	1.5
Missouri.	658	26,554	453	1.7	15	20	81	8	124	.46
Montana.	274	32,313	455	1.4	6	22	94	6	128	.39
Nebraska.	1,534	132,150	1,858	1.4	60	107	458	21	626	.47
Nevada.	5	604	8	1.32	.....	.....	3	.....	3	.49
New Hampshire.	2	43	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico.	30	8,758	181	2.06	.....	.....	97	.....	97	.11
New York.	13	252	16	6.34	.....	.....	5	.....	5	.19
North Carolina.	37	1,482	50	3.37	.....	1	3	.....	4	.27
North Dakota.	345	29,444	515	1.74	30	10	104	11	155	.52
Ohio.	51	18	6	3.33	.....	.....	.....	.....	.....	.....
Oklahoma.	56	8,267	112	1.35	5	30	10	1	46	.55
Oregon.	71	9,513	121	1.26	1	4	21	.....	26	.27
Pennsylvania.	1	600	10	1.66	.....	.....	6	.....	6	1.00
Porto Rico.	3	600	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota.	433	48,226	703	1.45	10	80	134	16	240	.49
Tennessee.	43	1,705	66	3.87	1	3	16	.....	20	1.11
Texas.	959	149,248	2,278	1.52	57	210	886	14	1,167	.77
Utah.	24	3,162	29	.91	1	3	.....	.....	4	.012
Vermont.	2	19	.....	.....	.....	.....	.....	.....	.....	.....
Virginia.	359	8,497	272	3.21	.....	9	27	4	40	.47
Washington.	44	2,360	68	2.88	.....	5	7	.....	12	.51
West Virginia.	115	3,622	83	2.2	3	1	25	.....	29	.8
Wisconsin.	9	538	18	3.7	.....	.....	8	.....	8	1.4
Wyoming.	306	58,782	471	1.8	14	30	170	24	238	.4
Total.	7,235	733,421	11,381	1.55	269	709	2,866	119	3,963	.54

After eliminating the number of cattle which die within forty-eight hours after vaccination as a result of being already infected with blackleg at the time of injection, and those whose death has been due to mistakes in performing the operation, the number of cases that died after vaccination is reduced to 3,575, or 0.48 per cent, whereas the losses without the use of vaccine were formerly as high as 10 or 12 per cent of the calves produced annually in the infected districts.

RABIES.

Within the District of Columbia there has been a considerable reduction in the frequency of cases of rabies during the past year. Of the 30 suspected cases examined in the laboratory of the Pathological Division from all sources, 16 proved positive, of which number only 8 came from within the District, as compared with 13 for a similar period of time last year, or a reduction of 38 per cent. In the following table the source and species of the animals affected

and the result of the experimental animal inoculations and microscopic examination of the plexiform ganglia, together with the number of persons or animals bitten, are given:

Results of inoculation tests and microscopic examination for rabies.

Date.	Record No.	Kind of animal.	Received from—	Result of inoculation.	Diagnosis by histological examination.	Persons or animals bitten.
1905.						
July 3	388	Steer	District of Columbia	Positive	None made	
Sept. 5	394	Dog	Flat Rock, N. C.	do	do	1 woman; 2 dogs.
Sept. 29	395	.....do	District of Columbia	do	do	
Oct. 4	396	.....do	Drivers, Va.	do	Positive	1 child.
Oct. 23	397	.....do	District of Columbia	do	do	1 man.
Nov. 9	398	.....do	Fairlands, Md.	do	do	1 man; scratch.
Nov. 11	399	.....do	District of Columbia	do	do	1 child.
Nov. 13	400	.....do	.....do	do	do	1 girl.
1906.						
Jan. 12	414	.....do	Landover, Md.	do	do	2 men.
Jan. 13	417	.....do	Rockville, Md.	do	do	
Jan. 16	422	.....do	Arlington, N. J.	do	do	Several men and dogs.
Mar. 8	504	.....do	Norfolk, Va.	do	Not characteristic.	1 girl.
Apr. 21	558	.....do	District of Columbia	do	None made	
May 28	596	.....do	.....do	do	Positive	4 persons.
May 29	598	.....do	.....do	do	None made	
June 16	614	.....do	Blacksburg, Va.	do	do	Several dogs.

In the 10 positive cases in which the plexiform ganglia were sectioned there was only one case (No. 504) in which the lesions were not sufficiently marked to base a positive diagnosis without waiting two weeks for the rabbits to develop the symptoms, and in this case the dog was killed during the course of the disease. This demonstrates the necessity of allowing the animal to die naturally from the effects of rabies if an early diagnosis by means of a ganglia examination is to be assured.

Rabies has been quite prevalent, however, in the portion of Maryland adjacent to the Bureau Experiment Station, and several dogs have been tested at the station. It is believed that this locality is not more especially infected than many other places, but that the frequency with which rabies is found there within a small circumscribed area is probably due more to the careful attention given to the subject than to the more common occurrence of the affection.

The great variations in the histories, symptoms, and autopsy lesions of rabid dogs makes a diagnosis practically impossible without inoculation or microscopic tests. Our experience is such that we regard it as real wisdom to place under proper restraint at once every dog that shows abnormal symptoms of any kind. The restraint need not and should under no circumstances be of a cruel kind. It is much easier to terminate a temporary restraint after the dog has recovered than to correct the damage he could do if his affection proved to be rabies.

During the year three experiments were made by the Pathological Division in order to test the effect of filtration on the virus of rabies. The material used was taken from rabbits dead as a result of inoculation with street virus. The brain was removed, macerated in a mortar, and made into an emulsion with physiological salt solution. This emulsion was then mixed with a bouillon culture

of *Bacillus proteus vulgaris* of Häuser and filtered through a Pasteur-Chamberland B filter, the filtration being hastened by a vacuum of 25 inches. Cultures made from the filtrate remained sterile, and rabbits inoculated intracerebrally with the material remained healthy, while the check animals inoculated in a similar manner with the nonfiltered emulsion died in every case with typical symptoms of rabies. We therefore conclude that the virus is nonfilterable.

Having established this fact, it was then decided to make routine examinations for the presence in the Purkinje cells of the cerebellum and in the cells of the hippocampus major of the so-called Negri bodies, which have recently been considered as the etiological agents of the disease. These bodies are cell inclusions found by Negri in 1903, and claimed by him to be protozoa and the specific cause of rabies. They vary in size from 0.5 to 25 microns in diameter, and while the filterability of these bodies may not be impossible, nevertheless the failure of the virus of rabies to pass through the fine meshes of a Chamberland B filter in the above-mentioned experiments seems to be additional proof of the etiological significance of these cell inclusions. They have been found varying in size, shape, and number in all the positive cases for which they were examined, but in none of those cases which were proved negative by other tests. As these examinations did not include all the cases that were received during the fiscal year the results have not been included in the above table; but it is apparent that the finding of Negri bodies in the brains of animals suspected of rabies is the most satisfactory and most rapid means available for the diagnosis of this disease.

MISCELLANEOUS INVESTIGATIONS OF DISEASES.

SO-CALLED BOTTOM DISEASE OF HORSES.

“Bottom disease,” an affection of horses pasturing in the bottom lands along the Missouri River in Iowa and Nebraska, is under investigation by the Pathological Division. At the present stage of the work there appears reason for associating this malady with an affection of cattle known in Nova Scotia as Pictou disease, with Winton disease of horses of New Zealand, and with Molteno cattle disease of South Africa. The tissues examined present practically the same lesions as those described for the above-mentioned afflictions, namely, interlobular connective tissue hyperplasia, fatty infiltration of the liver cells, and hemorrhages into the spleen.

Pictou disease, Winton disease, and Molteno cattle disease have been investigated time and again in an endeavor to find a causative agent. All inoculation experiments have failed, and it has only been found of late that feeding experiments with certain weeds have given seemingly reliable results.

Pictou disease, occurring in Pictou and Antigonish counties, Nova Scotia, is now ascribed to the ingestion of a weed called ragwort. Winton disease is thought to be caused by a member of the ragwort family, *Senecio jacobaea*. The Molteno disease of South Africa is probably induced, according to recent investigations, by still another ragwort, *Senecio burchelli*. At least these weeds when fed to the

animals in their respective localities have produced diseases followed by a train of symptoms corresponding to those seen in the naturally induced disease. The post-mortem findings were also quite similar. It was also proved that these plants were most dangerous in the young state. Yet another variety known as *Senecio latifolius* was found to be deadly to stock.

Feeding experiments have been planned by the Bureau, and a study of the varieties of weeds found in the infected area of Nebraska and Iowa is now in progress.

A MOUTH DISEASE OF GOATS.

Within a week after the importation of 34 Saanen and Toggenburg goats from Switzerland, and while they were still held in quarantine at Simonsons Island, New York, a peculiar mouth disease simulating the virulent foot-and-mouth disease of Europe was observed by the superintendent of the quarantine station, who immediately telegraphed for the pathologist of the Bureau to make an investigation. On arrival it was found that at least 32 per cent of the flock was showing more or less advanced symptoms of the disease. After a careful clinical examination of all the affected animals, which included the taking of temperatures and the examination of the mucous membranes of the mouth, eyes, and nostrils, a diagnosis of impetigo labialis was made. This disease is also known as facial dermatitis, orf, and cursta labialis in England and Scotland, and teigmaul and maulgrind in Germany. Reports have been received of its prevalence in Canada, West Indies, and several sections of the United States.

The lesions in the early stages usually appears as an acute localized inflammation of the skin on the outside of the lips. This pimple-like formation is attended with much inflammatory swelling with a decided tendency to the formation of pustules. They dry and form crusts of a dark grayish color and of a fungoid appearance. The growths extend rapidly and become confluent in the course of a few days, forming a large diffuse scab, which is found when removed to cover a suppurative surface. Simultaneously with this the lips become tumefied, swelling to three or four times their normal thickness. The appetite usually remains good, but the animals feed with great difficulty owing to the sensitiveness of the affected parts. In the most advanced cases the scab extends from the lips up over the cheeks and eyes, and in some instances a muco-purulent nasal discharge appears, which adheres to the nostrils, and, together with the swollen condition of the surrounding tissues, causes a more or less complete occlusion of the air passages, resulting in labored breathing upon exercise. In some cases the lesions extend into the mouth, producing erosions on the inside of the lips, on the gums, and on the maxillary pad of the hard palate. These lesions, which are of a spongy consistency and present a papillomatous appearance, were especially noted on the smaller goats. Similar wartlike growths have been noticed on the teats and udders and on the legs, especially about the coronet and in the fold of the fetlock. The disease has been transferred to sheep and goats, but cattle appear to be insusceptible. Work is at present being performed with the view of determining the nature of the causative agent of the affection.

The lesions readily yield to a treatment of boracic acid, sulphur, and petrolatum, and one or two applications are usually sufficient to cure every case without complications. In fact, the disease appears to respond quickly to any of the common antiseptic solutions.

ROUNDWORMS IN SHEEP.

Throughout the more thickly settled regions of the United States one of the most important factors, if not the most important one, in the lack of success commonly experienced in sheep raising is the damage caused by internal parasites, and thousands of farmers in the eastern half of the United States have been driven to abandon the sheep industry because of losses among their flocks due to parasitic infection. The roundworms occurring in the alimentary canal are as a group probably the most important of the parasites of sheep, comprising no less than fifteen to twenty distinct species, some of which are both very common and decidedly injurious.

Because of their importance an investigation of these parasites has been undertaken by the Zoological Division with the intention of describing the various roundworms parasitic in the alimentary canal of ruminants in order that they may be distinguished from one another and determining as far as possible their life histories, from a knowledge of which practicable methods of preventing infection may be devised. Considerable progress has been made in this investigation, inasmuch as the principal facts in the life history of *Hæmonchus contortus*, commonly known as the stomach worm or twisted wireworm of sheep, have been established. This species, whose life history was heretofore unknown, is probably the most important of all the roundworms occurring in sheep. The eggs of the parasite are scattered over the pastures in the droppings of infested sheep or cattle. Under suitable conditions of heat and moisture they hatch in a few days, and within about two weeks the embryos develop to a stage in which they are enveloped in a cuticular sheath without openings. Prior to this stage the embryos are easily killed by freezing or drying, but after acquiring their sheath they are able to withstand continued and repeated freezing and will survive for many weeks in a dried condition. During wet weather and on dewy nights the ensheathed embryos crawl up stalks of grass or other convenient objects, ceasing their migrations when the humidity of the atmosphere falls below the point of saturation, usually coiling themselves into a spiral like a watch spring. They remain quiescent until the air again becomes moisture laden, when they resume their migrations, gradually working their way higher and higher. When grass thus infested is eaten by a sheep or other ruminant, the embryos continue their development, attaining full maturity in about three weeks. The foregoing facts are discussed more fully in Bureau Circular No. 93. Experiments are in progress to determine the necessary precautions to be taken in order to raise lambs free from parasites, particularly *Hæmonchus contortus*, the nodular worm (*Œsophagostomum columbianum*), and the hook-worm (*Monodontus trigonocephalus*). So far the results of these experiments have been very encouraging, indicating the entire feasibility of raising sheep free from the species of parasites mentioned,

and more extensive experiments in various parts of the country in cooperation with State experiment stations and individual sheep owners are being planned.

GID IN SHEEP.

Further reports of the occurrence of the gid parasite in Montana have continued to come in since its discovery there in 1904, indicating that this dangerous parasite is becoming more prevalent in that State. In certain details the specimens of the parasite from Montana differ from specimens of European origin, and these differences, if found to be constant in all specimens, would show that the American form is of a different species or variety from that found in Europe. It is planned to investigate more fully this question of identity and to make a study of the distribution of the Montana parasite, the amount of damage caused by it, the relation of dogs and wolves to its propagation, and other points in its life history of importance from the standpoint of prophylaxis.

THE LARGE AMERICAN FLUKE IN SHEEP.

A destructive outbreak of fluke disease in a flock of sheep in Michigan during the winter was found to be due to the large fluke (*Fasciola magna*). While this parasite is common in cattle in various parts of the United States, it seems never to have been definitely reported in sheep prior to this time.

AUTOPSIES ON WILD ANIMALS.

The National Zoological Park furnishes quite an important percentage of the necropsies made by the Pathological Division. During the past year 171 animals from this source have been examined. In this collection are represented only the vertebrata, being still further limited to the series amniota. The list is pretty evenly and widely distributed among the three classes, reptilia, aves, and mammalia. If space permitted, a still further classification would be not only interesting, but important for study as showing the truly comparative nature of the pathologic studies thus carried on.

The post-mortem findings reveal the following:

Not diagnosed (failure due to decomposition and other unavoidable conditions), 18; traumatisms, 5; poisoning (arsenical), 9; old age, 1; diseases, 138. Of the last number there are accredited to the digestive apparatus 52 cases, apportioned as follows:

Liver, 5 (cirrhosis, 2; fatty degeneration, 2; necrobacillosis, 1). Gastro-intestinal tract, 45 (acute indigestion, 1; gastritis, 1; gastro-enteritis, 10; gastritis and intestinal hemorrhage, 2; enteritis, 14; enteritis complicated with peritonitis, 4; infectious enteritis, 3; infectious entero-hepatitis, 1; hemorrhagic enteritis, 1; colitis, 1; ulcerative colitis, 1; gangrenous intestines, 1; intussusception, 1; intestinal parasites, 3; carcinoma of the abomasum, 1). The gastro-intestinal and respiratory tracts were involved together in 2 cases. Enteritis and pulmonary edema, 1; pneumonia and catarrhal enteritis, 8; pulmonary edema, 1; pneumonia and pleurisy, 2; streptococcal broncho-

pneumonia, 1; verminous pneumonia, 1; lung parasites, 1; asphyxia, 1. The genito-urinary tract was involved 4 times—septic metritis and purulent peritonitis, 1; acute interstitial nephritis, 1; chronic interstitial nephritis, 2.

Bacterial diseases were specifically determined in the following 44 cases: Tuberculosis, 16 (pulmonary, 1; abdominal, 1; generalized, 14); infection with *Bacillus hydrophilis*, 2; with *B. proteus*, 17, including 1 case of infection with *B. proteus fluorescens*; infection with *B. enteritidis*, 2; with *B. pyosceaneus*, 1; hemorrhagic septicemia, 3; septicemia, 2; septico-pyemia, 1. Mycotic disease figures six times in this list, all being cases of aspergillosis (generalized, 4, 1 by *A. flavus*, 3 by *A. fumigatus*; pulmonary, 2, both by *A. fumigatus*). There were also noted 1 case of pseudo-leukemia, 1 of double goiter, 2 of osteomalacia, and 2 of filariasis.

DISEASES OF BIRDS.

The routine post-mortem work on birds by the Pathological Division has furnished the usual variety of diseases, with here and there the occurrence of some rare form. Traumatism claimed 2, both cases being instances of a foreign body in the gizzard. One duck and 2 chickens came as samples of a rather extensive outbreak of food poisoning. Three deaths by impaction—1 of the crop, 1 of the intestines, and 1 of the oviduct—and 1 case of invagination of the intestine with consequent bacterial invasion of the whole body were noted among chickens. Four chickens revealed on necropsy an intestinal catarrh due to intestinal parasites, and 5 pigeons brought in at different times showed the presence of the air-sac mite. Protozoal diseases were represented by epithelioma contagiosa or chicken pox, 6 chickens, and infectious entero-hepatitis, 1 turkey and 1 peacock. There was 1 case of peritonitis in a chicken due to ruptured oviduct, and 11 cases of enteritis, 6 of which were cases of "going light," 3 due to infection with *Bacillus enteritidis*—1 duck and 2 pigeons. Contagious catarrh or roup was found in 4 chickens, and there were 5 cases of pneumonia (4 chickens and 1 canary), 3 cases of infection of chickens with *Bacteria sanguinarium*, and 3 cases of pulmonary congestion (2 parrots and 1 canary), 1 parrot being a case of colibacillosis.

A few cases deserve special mention, one by reason of its transmissibility to man, one for its peculiar interest to sportsmen, and one as an interesting pseudo-tuberculosis.

Besides tuberculosis there are two infectious diseases that quite frequently destroy parrots—colibacillosis and psittacosis, the latter being an infection with *Bacillus enteritidis*. One of the cases noted above as pulmonary congestion was in a parrot, the bacteriological examination of which revealed a colibacillosis. This infection being so prevalent among parrots, it may well be asked whether the early removal of fecal matter from the cage and the prevention of its mixture with the food may not be an important factor in prophylaxis. It is quite certain that those who keep parrots can not be too careful in the matter of cleanliness.

Of still greater importance is psittacosis, a virulently infectious disease of parrots due to the presence of a *Bacillus enteritidis*

variant. Parrots imported into France in large numbers from the South American countries have developed this disease on the voyage, many of them dying and those that reached their destination being distributed through purchase or otherwise only to sicken with the same disease, and, further, to transmit their disease to human beings who fondled them or fed them from their own mouths or who cleaned their cages.

The development and maintenance of hunting preserves has until lately received little attention in this country. Interest in hunting is on the increase, and of necessity the number of preserves of such birds as give sport to the hunter will be likewise augmented. With this massing together in large numbers of birds and animals will come an increase in disease, or at least greater attention to the diseases of game. Grouse disease has long been known and dreaded by sportsmen in England. Various causes—damp weather, parasites, etc.—were assigned to it until Klein's work was published in 1889. He demonstrated the causative relationship of a number of the colon group of bacilli to this disease. Hitherto grouse disease has not been reported in this country, but during the past year a preserve near Washington, D. C., lost great numbers of partridges and an investigation of the disease revealed the cause to be a bacillus identical with that recognized by Klein in grouse disease.

A most interesting form of pseudo-tuberculosis in canaries was investigated. A canary fancier who had lost several birds brought two dead birds for examination. A small-sized mass of "canker" or yellowish, cheesy, pseudo-membranous exudate was found in the mouth. The spleen was enlarged to double its usual size, quite black where the original spleen tissue could still be seen, and so studded with caseous nodules as to be literally transformed into a tuberculated mass. The liver was studded with fine yellowish spots; the lungs and the kidneys were congested. Histologic examination of the tubercular organs gave an exact reproduction of Malassez and Vignal's tuberculose zooglique, while there was recovered in pure culture from these organs as well as from the blood a bacterium which in plain broth grew as a streptobacillus. This bacterium proved pathogenic for mice, guinea pigs, rabbits, and pigeons by intravenous and subcutaneous injections and by inoculation on the irritated mucous membrane of the mouth. The spleen appeared to be the chief point of attack, with the liver and lungs next in the order named. The pathologic findings were identical in both canaries and in one brought in five weeks later. In this last bird the "canker" had diminished from a large mass to a minute speck under the application of weak boric-acid solution. However, unless such cases are noted very early and treated energetically, there can be little hope, as the germ appears to be quickly transferred by the lymphatics to the viscera. Streptobacillary pseudo-tuberculosis has not been noted before in this country.

During the year pulmonary mycosis in birds, which subject was comprehensively described in the Twentieth Annual Report of this Bureau, has been observed in 6 birds (2 white Indian cranes, 2 red-head ducks, 1 ibis, and 1 loon) autopsied at the National Zoological Park. In all these cases the affection appeared very extensive, especially affecting the lungs and the air sacs. It is quite evident

that the disease was contracted before the arrival of these birds at the park, as they all succumbed in from eight to twenty-five days after being received.

BEE DISEASES.

Since the latter part of the summer of 1905 the Pathological Division has been engaged in cooperative experiments with the Bureau of Entomology in the investigation of diseases of the honey bee, especially black brood (foul brood of Cheshire and Cheyne). A considerable part of the work has consisted in diagnosing samples of diseased brood sent to the laboratory from various parts of the country. As a result of the examinations it would appear from the negative result of many of our cultures that there are a considerable number of combs in which the larvae have died as a result of chilling or other causes, and yet the appearance of the comb to the naked eye so much resembles the appearance of black-brood combs that a positive diagnosis was rendered almost impossible without recourse to a bacteriological examination. *Bacillus alvei* was isolated from a number of cases, and new foci of the disease have been located, especially those at Queen, Pa., and Palestine, Ill. Attempts were made in a small colony over a period of several weeks to reproduce black brood through the feeding of pure cultures of *Bacillus alvei*, but they have not thus far proved successful.

A few specimens of bees affected with bee paralysis were examined bacteriologically, and while several organisms were isolated from the specimens, no one of them appeared regularly in the different cases. The nature of this peculiar malady will receive further study. Several cases of supposed foul brood were also received, and anaerobic and aerobic cultures were inoculated in media made from healthy bee larvae, but no conclusions have been drawn from the limited amount of work done with the bacteria thus obtained.

EXPERIMENTS WITH DIPS AND DISINFECTANTS.

STOCK DIPS.

Extensive laboratory experiments have been made in the Biochemical Division during the past year with various forms of stock dips with the object of increasing the efficiency of the dips now used for official dipping, and also for the purpose of determining the value of dips not now permitted for official use. The standardization of dips which are as a rule made of crude materials is a difficult problem and will no doubt consume considerable time, but sufficient progress has already been made to lead us to hope that we may succeed in our attempts to increase the efficiency of stock dips and at the same time to decrease their cost. The laboratory experiments have progressed to such a point that practical field experiments based upon results obtained in the laboratory have already been started by cooperation of the Biochemical and Zoological Divisions with the South Dakota Agricultural Experiment Station. Specially prepared dips are being tried on sheep affected with scab and are also being tested by comparing their effects upon scab mites removed from their host.

An effort has been made to modify crude petroleum so as to remove the possibility of the injury to cattle which sometimes follows the use of the plain crude oil as a dip. As a result of these experiments an emulsion was devised and subsequently described in Circular No. 89 of this Bureau. Reports from field experiments indicate that when properly prepared this emulsified oil possesses the virtue of the crude oil without its injurious properties. Further experiments with the emulsion are desirable.

DISINFECTANTS.

In conjunction with the dip experiments a similar line of work has also been undertaken with disinfectants. Fair progress has been made, and a detailed report of the results will soon be submitted for publication. The experiments have so far been directed chiefly toward the determination of the relative value of cresol-soap solutions and carbolic acid as germicides, and they point very clearly to the fact that cresol-soap solutions containing cresol in fixed proportions are more efficient germicides than carbolic acid in equal strength.

MISCELLANEOUS ZOOLOGICAL WORK.

PARASITES OF POULTRY.

The various species of tapeworms occurring in poultry in this country have been studied by the Division of Zoology, and a circular (No. 85) has been issued fully describing these forms and giving directions for treatment and prevention. Other parasites of poultry, some of them species new to science, have been studied, and the results are now being prepared for publication.

TICKS.

The study of the habits and life histories of ticks has been continued. Some unusual host relations of the Texas fever tick (*Boophilus annulatus*) were investigated and will be described in an article soon to be published. Some experiments with the chicken tick (*Argas miniatus*) were begun during the summer of 1905, with the special view of determining its relation to the so-called "tick disease" of chickens in the South, which is probably identical with the tick-borne spirillosis of South American chickens.

COLLECTION AND IDENTIFICATION OF PARASITES.

A large number of parasites have been collected at the autopsies of various domestic and wild animals, and numerous specimens sent in by correspondents have been identified.

INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY.

The work on the card index has been continued during the year, and five parts of the Index-Catalogue of Medical and Veterinary Zoology, Bulletin 39, comprising the K and L authors, have been published.

SUPERVISION OF PEDIGREE RECORD ASSOCIATIONS.

A radical change has been made in the regulations of the Government regarding the importation of animals for breeding purposes. Heretofore the pedigree certificate of animals imported for breeding purposes had to show registration of sires and grandams. This requirement caused endless complaint from importers, and has been maintained only because the Department felt that in no other way could there be a reasonable assurance of pure breeding. Without a closer supervision of the books of record a more lenient requirement would be impracticable.

To improve the situation the Bureau considered the advisability of placing on the American herdbook secretaries the responsibility for the pure breeding of animals imported for breeding purposes, and requiring registration in an American book of record as the only evidence necessary to pass a breeding animal through the customs free of duty. Before taking definite action, however, the sentiment of the secretaries of American pedigree-record associations was ascertained, and it was found that the great majority of them were in favor of such a change. Accordingly, Bureau of Animal Industry Order No. 130 was revised and replaced with Bureau of Animal Industry Order No. 136, to take effect July 1, 1906. The new order requires all animals imported for breeding purposes to be registered in an American book of record before free entry will be permitted. The certificate of a custodian of such book of record that the animal is purebred and has been registered is all that is necessary for free entry. Where a breed has no book of record in the United States, the certificate of the Chief of the Bureau of Animal Industry must be obtained before the animals are passed free. A herdbook assistant to the Animal Husbandman of the Bureau has been appointed to devote his entire time to the work of supervising the certified American associations and the examination of pedigrees submitted to the Bureau for approval.

This change is a very important one and should result in good to the breeding industry. It will not only make secretaries more careful in the registration of imported animals, but will compel importers to register such animals, which has not been done in all cases, particularly with horses. If an imported animal is not registered, the breeding of its progeny is difficult and often impossible to establish, and therefore the intent of the law is nullified. But little objection has come to the Department from importers, and this has been largely from importers of horses, who claim that the fact that horses are not quarantined will make it difficult to get American certificates to the port of entry as soon as importations land; but this difficulty can probably be readily remedied. An importer can mail his foreign certificates to the American secretary far enough in advance of sailing to allow that officer time to record them and issue his own certificates and get them to the importer on landing.

The other features of the former regulations (Bureau of Animal Industry Order No. 130) are retained in substantially the same form.

The following numbers of books of record were on the certified list July 1, 1906:

Animals.	American books of record.	Foreign books of record.
Cattle.....	14	24
Horses.....	19	22
Asses.....	1	—
Sheep.....	20	13
Hogs.....	12	2
Dogs.....	1	4
Cats.....	2	1
Total.....	69	66

BREEDING INVESTIGATIONS.

HORSE BREEDING.

The horse-breeding work at the Colorado Experiment Station is progressing very satisfactorily. The stallion Carmon was bred to 26 mares in 1905, and got 24 in foal at the first service. His first crop of foals came last spring, and while it is too early to pass an opinion on them it can be said that they prove the horse to be a good investment as a sire. The stud has been increased by the purchase of two mares in Kentucky—one an inbred Mambrino King mare, and the other by Chester Dare out of a daughter of Harrison Chief. We have already some Harrison Chief blood among the mares in Colorado, but this is the first introduction of that of Mambrino King, unless the claim can still be made that Mambrino King was a grandson of Mambrino Chief, whose blood we have in considerable abundance. The female line from Harrison Chief is one of the most valuable known for the production of quality, style, and good conformation, and Mambrino King was one of the handsomest horses ever seen in an American show ring. For these reasons these mares should be of great value in the breeding work.

These purchases should be followed by others. There are probably a number of mares in the Colorado stud which will have to be discarded eventually as unfit for breeding purposes, and these should be replaced by others. Further, 20 mares is too small a number with which to do satisfactory work. The number should be increased. The experiment in breeding carriage horses has attracted the attention of the entire country and has caused much interest in the intrinsic value of the American horse. The Department has started a line of work which it is believed will be of the greatest value to American stockmen, and it should follow it up systematically and thoroughly. It is not the intention to recommend that the work should be increased to a point where it may become burdensome to the station, but the Department should be ready to purchase exceptionally good mares as opportunity offers, even if the number is increased beyond 20.

Work in breeding Morgan horses, in cooperation with the Vermont Experiment Station, was begun in June with the purchase of 7 mares and 2 fillies in Vermont and 2 mares in Kentucky. The object of this work is to prevent the loss of the Morgan blood and preserve the type, at the same time increasing the size over that

of the old Morgan. The mares were bought by a board composed of Prof. C. F. Curtiss, director of the Iowa Experiment Station; Mr. Cassius Peck, of the Vermont Experiment Station, and Mr. George M. Rommel, the Animal Husbandman of this Bureau. The board was very fortunate in securing mares of good size, uniformity, and quality, and strongly bred in Morgan line. The mares purchased in Vermont were sired by General Gates, Denning Allen, Bob Morgan, Young Ethan Allen (a full brother of Daniel Lambert), Rocky Mountain, and Gillig. Those bought in Kentucky were sired by Harrison Chief out of Morgan dams, and give a combination of blood lines which is of the greatest value.

The extension of the work in horse breeding is a matter of the highest importance. In Vermont, it is doubtful whether the resources of the station will permit an extension beyond what will come from the natural increase of the stud. In Colorado, however, the station is anxious to increase the number of mares materially, and the sentiment of the stockmen of the State is in harmony with the station's attitude.

A more important extension can and should be made by establishing experiments in Kentucky. Nowhere can the same amount of useful and valuable material be found. It is the center of the light horse breeding industry of the country; more carriage horses come from there than from any other State in the Union, and the project to establish a breed of American carriage horses will never be complete until the advantages of Kentucky are realized. The importance of this step warrants an increase in the appropriation for this purpose.

BREEDING ZEBRA HYBRIDS.

Unfortunately no progress whatever has been made in the breeding of hybrids between the Grévy zebra and the mare. The Zoological Park has not been able to breed the large zebra to mares, and a younger male, presented to the Department by Ras Makonnen, governor of Harrar, Abyssinia, through the courtesy of Hon. R. P. Skinner, consul-general at Marseille, broke his neck the first day he was turned out last spring by running into a woven-wire fence. The consent of the President has been obtained to use the large Grévy zebra at the Bureau Experiment Station. Quarters are being arranged and will soon be ready for occupancy.

FECUNDITY OF POLAND-CHINA AND DUROC-JERSEY SOWS.

An investigation of the fecundity of Poland-China sows was made by the Animal Husbandman of the Bureau, and the results were published in Circular No. 95 of the Bureau series. A similar investigation of the fecundity of Duroc-Jersey sows was included.

Results for Poland-Chinas were compiled from the American and the Ohio (now the National) Poland-China Records for the years 1882-1886 and 1898-1902. The total number of litters for the earlier period was 14,703 for the two records combined, and for the later period 39,812. The average number of pigs per litter for the earlier period was found to be 7.04 and for the later period 7.52, an increase of 0.48 per litter. The increase was somewhat greater in the American Poland-China Record than in the Ohio. These results are con-

trary to popular opinion regarding this breed, and show that the charges of diminishing fecundity are without warrant when a comprehensive number of litters is considered. They also show the value of the system used by the hog breeders' associations in requiring breeders to report the number of pigs farrowed in each litter, as it gives breeders data with which to increase the fertility of their herds.

The records for Duroc-Jersey sows could not be compiled for so long a period of time, only ten years being available with a comprehensive number of litters. The first five years (1893-1897) show an average size litter of 9.22, and the five-year period 1898-1902 an average size of litter of 9.27. The results for 1893 seemed to be abnormal, and if omitted there is a decrease of 0.01 per litter, too small to be of practical value. The results confirm popular opinion that Duroc-Jersey sows are more prolific than Poland-Chinas.

These investigations are being followed with studies of the inheritance of fecundity. Some results have already been obtained which show that the size of litter is affected, in part at least, by maternal inheritance and that the size of litter increases with the age and maturity of sows.

POULTRY BREEDING.

The cooperative investigations in poultry breeding at the Maine and Rhode Island experiment stations have been continued during the year. In Maine the principal object is to increase the egg-laying capacity of the flock of chickens. Already several hens have been found to lay more than 200 eggs in one year, and the results seem to indicate that the average egg yield of a flock can be increased by selection. A bulletin describing the methods used and the results so far obtained in this work has been prepared for publication.

In the Rhode Island experiments an effort is being made to breed turkeys that will be resistant to the disease commonly known as blackhead.

BREEDING EXPERIMENTS WITH SMALL ANIMALS.

Arrangements have been made to begin investigations in animal breeding by collaboration between the Animal Husbandry Office and the Experiment Station of the Bureau, using for this work the large stock of guinea pigs, rabbits, and other small animals at the station. Experiments to determine the effects of inbreeding will be started at once, and studies will later be made of crossbreeding.

FEEDING INVESTIGATIONS.

COOPERATIVE INVESTIGATIONS IN ANIMAL NUTRITION.

Investigations in animal nutrition in cooperation with the Pennsylvania Experiment Station were undertaken in 1898, when the construction of a respiration calorimeter for domestic animals was begun. The completion of this large and complicated apparatus occupied fully three years, the first experiments with animals having been conducted in the winter of 1901-2 and work having been continued up to the present time. These investigations are in charge of Prof. H. P. Armsby, director of the Pennsylvania station.

The investigations constitute a careful scientific study of the fundamental principles of animal nutrition. Starting with the food as a source of energy to the animal machine, they follow this energy through to its ultimate effect, determining how much escapes in the undigested residues of the food, how much is expended in the digestion and assimilation of the food, and what surplus remains to sustain the life of the animal or enable it to produce meat, milk, or work. The investigations are complicated, requiring the services of not less than seven men for the actual conduct of an experiment, and involve in addition a large amount of laboratory work and extensive computations. Hence it is not strange that the results seem slow in accumulating. The results thus far published include experiments upon timothy hay, red-clover hay, and corn meal, as to their relative values both for maintenance and for productive purposes. An outline of the results obtained has been published in Bulletin No. 74 of the Bureau of Animal Industry and in Bulletin 71 (revised) of the Pennsylvania station.

More important than the mere numerical results, however, has been the aid which the experiments have afforded in clearing up some fundamental points regarding the energy relations between the food and the animal. At the time when these investigations were begun the prevailing ideas were based largely on Rubner's earlier investigations, which were popularized in the United States by the writings of Atwater. It was then supposed that the so-called "fuel values" of feeding stuffs—that is, the amount of heat which they were capable of giving off in the body—was a measure of their nutritive value, and Rubner's factors for the fuel values of human food were used quite generally to compute the fuel values of the digestible nutrients of stock foods, a proceeding natural enough at that time, but which unfortunately seems to have proved less susceptible to change than the ideas on which it was based.

The investigations of Kellner in Germany and those at the Pennsylvania Experiment Station have amply demonstrated that this conception was erroneous, and that the real values of stock feeds are much less than their fuel values. That this should be true in the fattening or milk-producing animal is not so surprising, but that it should prove to be the case on a simple maintenance ration compels a material modification of our general conceptions and is of fundamental importance to the theory of the subject. The Pennsylvania experiments have shown, in the first place, that the real fuel values of stock feeds are less than the computed ones, and that, moreover, but a fraction of the real fuel value of stock feeds is utilized for any purpose in the body. In the three cases thus far investigated the real values for maintenance were found to range from 56 per cent of the fuel value computed from the digestible nutrients in the case of timothy hay to 67 per cent in the case of corn meal. On the basis of the digestible nutrients, 174 pounds of timothy hay appeared to be equal to 100 of corn meal for maintenance, while in reality 211 pounds were required. For fattening, the discrepancy was still greater, 275 pounds of timothy hay being required to equal 100 of corn meal.

A series of experiments, designed to study what effect the age and breed of the animal has upon the percentage of food energy utilized, has now been in progress for two years, but the results are not yet

sufficiently complete for publication. Later it is hoped that more extended data regarding the actual values of other feeding stuffs may be secured.

FEEDING COTTON-SEED PRODUCTS TO HOGS.

Experiments in feeding hogs with cotton seed and cotton-seed meal have been conducted at the quarantine station at Halethorpe, Md., during the year by the Animal Husbandry Office, in collaboration with the Pathological and Biochemic Divisions, to test the poisonous qualities of these feeds. Hogs have been killed with cotton seed, cotton-seed meal which had been cooked, and ordinary choice commercial meal. When a varied ration was given in addition to cotton-seed meal death did not result so soon as where only one grain was fed. Bran and middlings were found to be little better than corn meal. Experiment-station results with corn meal have been confirmed, hogs dying in about four weeks from the time feeding cotton-seed meal commenced.

Post-mortem examinations developed the fact that many of the hogs die with very constant and characteristic lesions of the internal organs, viz, a severe hemorrhagic gastro-enteritis, congestion of the liver with parenchymatous degeneration, edema of the lungs, cloudy swelling of the kidneys, and oftentimes a well-marked dropsical effusion in the pectoral and peritoneal cavities, and occasionally in the pericardial sac. This effusion is occasionally light red in color and in most cases contains fibrinous shreds which cling to the visceral organs. The edema of the lungs is a very constant and marked lesion. Ulcerations or erosions of the gastric and intestinal mucosa are seen in the severest cases, and in long-standing cases emaciation is quite noticeable.

The experiment with bran and middlings will be repeated, and tests with fermented meal will be begun.

The Bureau is now in a position to raise its own hogs for this work, which will be a great advantage. Seven sows were bred last spring, the Maryland Experiment Station courteously giving the use of its herd boar. The Bureau has bought a boar pig, which will be used this fall, and a large number of sows will be bred.

BEEF PRODUCTION IN THE SOUTH.

The work in beef production in cooperation with the Alabama Experiment Station has been broadened by taking up collaborative work with Mr. John S. Kernachan, of Florence, Ala., who owns a large farm on the Tennessee River and for some years has been grading up from native cows by means of purebred Angus bulls. The experiment station is keeping records of his herd, under the direction of the Bureau, and undoubtedly good results can be obtained for southern farmers by showing the possibilities of beef production under farming conditions.

DIGESTION EXPERIMENTS WITH POULTRY.

The feeding portion of the second series of digestion experiments with chickens, conducted by the Biochemic Division, was practically completed during the previous fiscal year, but the analytical chemical

work required by the experiments was very great and has only recently been finished. The results should be ready for publication within a few months.

This second series comprises thirty-six individual experiments with corn, oats, and wheat, fed singly and in combination with each other, as well as with green feed.

WORK IN THE INTEREST OF THE DAIRY INDUSTRY.

During the year the work of the dairy division has been systematized and subdivided as follows: Butter investigations, market milk investigations, cheese investigations, southern dairy investigations, building and management investigations, laboratories, inspection of renovated-butter factories, and inspection of renovated butter in the markets. Each of these lines of work has been placed under the direction of an expert, the chief of the division, Mr. Ed. H. Webster, being personally in charge of the butter investigations, and the assistant chief, Mr. C. B. Lane, of the market milk investigations.

BUTTER INVESTIGATIONS.

In the latter part of the fiscal year 1905 plans were laid for extended investigations in the manufacture and storage of butter, with the object of rendering practical assistance to the butter-making industry by solving some of the difficulties encountered in the trade. This work was begun in June, 1905, and the first series of experiments continued throughout the fiscal year 1906. These experiments consisted in carrying in cold storage for several months, under varying conditions of temperature and storage, butter made under different conditions. The butter—about 5,000 pounds—was made at Monticello, Iowa, and Topeka, Kans., and placed in storage in Chicago, and was examined and scored during and at the end of the storage period.

Some of the questions as to which these tests were expected to give results were (1) the effect of pasteurization, (2) the amount of salt to be used, (3) temperature of storage rooms, (4) the use of cans hermetically sealed for storing butter, (5) the keeping quality of good compared with poor butter, and (6) the action of air in contact with butter in storage.

The butter was made from five lots of cream, three of which were sour when received at the creamery and two sweet. From each lot of cream two lots of butter were made, one pasteurized and the other unpasteurized, and part of each lot of butter was lightly salted and part heavily salted. The butter was packed in tubs and cans, some of the cans being only partly filled, so as to test the effect of air. It was then stored at temperatures -10° , $+10^{\circ}$, and $+32^{\circ}$ F., and at variable temperatures, part of each lot being stored at each temperature. The butter remained in storage about eight months.

The results showed that butter containing low percentages of salt kept better than butter of the same lot containing higher percentages of salt. Butter in full cans and in tubs at the lower temperatures scored about the same. At the higher temperature there was a slight difference in favor of cans. Butter in full cans kept better than that in cans only partially full. On the whole, butter

held at the lowest temperature kept best, both when in storage and after removal from storage. Butter made from cream received sweet kept well while stored at the two lower temperatures, and also after removal from storage, giving results wholly satisfactory. Butter made from cream received sour also kept well at the lower temperatures, but deteriorated rapidly after removal from storage, giving, on the whole, results which were very unsatisfactory. The conclusion is that light salting and low temperatures and the use of cream received at the creamery in a sweet condition give much the best results for storage butter.

A report giving the details of this experiment has been published as Bulletin No. 84 in the Bureau series.

The second series of experiments in the manufacture and storage of butter, which has not been completed, consists in the making of a quantity of butter at the Wisconsin Experiment Station and its storage in Chicago. Arrangements were made for the use of the Wisconsin station laboratories for the necessary bacteriological and chemical work.

Another unfinished line of work is the investigation in northern Wisconsin and Minnesota of the cause of fishy flavor in butter. The development of a fishy flavor in butter has been a source of trouble, and whenever reports were received that creameries were having this trouble an investigation was made with a view to discovering the cause, if possible.

A temporary laboratory was established at Bloomer, Wis., and large numbers of cream samples were tested bacteriologically and test churning of butter made. While the cause of the fishy flavor has not yet been discovered, a number of probable causes have been eliminated, and a good foundation has been laid for continuing the work during the coming year.

Incidental to the last-mentioned investigations, studies were made of the cause and methods of prevention of mold in butter tubs. Experiments were conducted at points in Minnesota and Wisconsin and continued at the Iowa Experiment Station. Coating the tubs with paraffin was found to be the best method of prevention. A report of these researches has been written and will soon be published.

A study of the conditions that existed in the market regarding the sale of butter convinced the officers of the Dairy Division that something should be done to assist the butter makers in producing a better quality of butter than seemed to be finding its way to the markets. The work done by the State dairy and food commissioners and their field men indicated very strongly that there was such a need. Inspectors of the Dairy Division would visit a creamery and perhaps find everything apparently all right; they would see only the fresh butter. When this butter reached the markets, however, some ten days or two weeks later, it was very often found to be deficient in some respect. In order to bridge over this gap which seemed to exist between the factory inspection and the receipt of the butter on the market, an inspector was appointed in April to examine the poorer qualities of butter entering the New York market. This work was begun as an experiment to determine if some assistance could not be rendered to the creameries by giving them exact information as to the condition of their butter on its

arrival in the market. The work proved so advantageous that the butter board in Chicago requested the appointment of a similar officer for that market, and this request has been complied with. A system of reporting has been organized by which a statement of the condition of the butter is sent to the butter maker, a copy of it filed with the butter dealer who purchases this butter, and another copy sent to the office of the dairy and food commissioner of the State in which the creamery is located, for the use of his field inspectors. The dairy and food departments, particularly in Michigan, Minnesota, and Iowa, have indicated their desire to cooperate with the Federal Department of Agriculture in making this work a complete success.

CHEESE INVESTIGATIONS.

The investigations in the manufacture of soft cheese at Storrs, Conn., in cooperation with the Storrs Experiment Station, have been continued throughout the year. During the winter Dr. Charles Thom, mycologist connected with this work, spent two months abroad studying the manufacture of cheese in England, France, Germany, Switzerland, and Italy, and these studies have resulted in marked progress in the investigations concerning the manufacture of Camembert and Roquefort cheese. A bulletin (No. 82) dealing with the fungi which have to do with the ripening of these cheeses was issued during the year. The knowledge so far gained of these fungi and of the methods used and the conditions necessary in the manufacture of such cheeses indicates that it will be practicable to produce in this country soft cheeses of these types fully equal to the best European product, though there are some problems yet to be studied.

A study was made of the conditions surrounding the manufacture, storage, and sale of American Cheddar style cheese throughout the cheese manufacturing section of the country. During these investigations a locality was selected in which to make cheese for experimental curing and storage. A satisfactory place was found at Plymouth, Wis., where storage rooms suited to the needs of the work were secured, and a cheese factory about 3 miles from the town was induced to cooperate with the Dairy Division in the manufacture of cheese for storage. Mr. C. F. Doane, expert in charge of cheese investigations, spent three months in the summer of 1905 at this place, making cheese and studying the conditions in that part of Wisconsin. Between 2,000 and 3,000 pounds of cheese were placed in storage under different conditions of make and storage temperature.

In these experiments the usual amount of rennet, 3 ounces to 1,000 pounds of milk, was used for one-half of the cheeses, and twice the amount, or 6 ounces of rennet to 1,000 pounds of milk, was used for the other half. Two cheeses of each day's make were stored immediately in the curing room having a temperature of 32° F.; two in the curing room at 40° F., and two were cured in the factory curing room at about 65° F. Other cheeses were held one week to two weeks after making and were then stored at 32° and 40° F. In the case of both the low-rennet and the high-rennet cheese, that cured at 32° F. directly from the press scored highest, the average being 95 and 94.4 points, respectively, out of a possible 100. The cheese scoring lowest in each case was that cured entirely in the factory curing room at about 65° F. It was also shown in these investigations that taints

develop more noticeably in the factory curing room than in cold storage, and that taints and acidity were checked more by storage at 32° F. than at 40° F. It appears also that cold curing derives its value chiefly from its effect on what otherwise might be poor cheese. In view of the growth of the popular taste toward mild cheese it appears that the time is soon coming when all cheese, if ripened at all, must be ripened at low temperatures, and the sooner it is put into cold storage the better.

The details of these experiments, together with a digest of previous work on the same subject, have been published in Bulletin No. 85 of this Bureau. There was also published during the year a report on experiments in cold storage of cheese conducted by the Dairy Division in 1903-4.

The work at Plymouth and vicinity showed the need of a much larger and more comprehensive study into the methods of manufacture, ripening, and storage of American Cheddar style cheese, and toward the close of the year arrangements were made with the Wisconsin Experiment Station at Madison for cooperative work of this character, the station to furnish the services of an expert chemist and of an experimental maker. Cheese will be purchased on the open market and placed in storage, and cheese manufactured under known conditions will be placed in storage.

The Dairy Division is cooperating with the office of Experiment Stations of the Department in investigations as to the digestibility of Cheddar style cheese. The work has been conducted at Middletown, Conn., and will be continued for another year. It is hoped that these investigations will have a practical bearing upon the use of cheese as a food by the American people.

MARKET MILK INVESTIGATIONS.

During the year a study of the various markets was made and a bulletin was published on "The Milk Supply of Boston, New York, and Philadelphia." Investigations and studies were also started concerning the production, delivery, and distribution of market milk and the organization and working of milk sanitary commissions and other organizations tending to improve the quality of market milk. Plans are under way for organizing some system of scoring and registering dairies.

During the National Dairy Show in Chicago in February the Dairy Division conducted an exhibit of milk and cream. Samples were secured from 13 different States and from 45 different producers. Medals were awarded by the show association, and diplomas were given by the Department of Agriculture, for the exhibits which scored highest and kept best. This work attracted a great deal of attention and has stimulated a desire in a number of States to inaugurate systems of scoring milk and cream. A report has been prepared for publication as a bulletin of the Bureau.

During the year circulars were sent out to about 2,500 American cities asking for information concerning the milk supply and the regulations governing the distribution and sale of milk. About 1,400 replies were received, containing a great deal of material that will be useful in advancing the cause of good milk.

SOUTHERN DAIRY INVESTIGATIONS.

The first work in connection with the investigations of southern dairying was to make a careful survey of the present conditions in the South. With this in view various States were visited by Mr. B. H. Rawl, who is in charge of this work, and conditions existing in the towns and surrounding country were studied. Ample notes of these conditions were taken with a view to determining the best course for future work to improve conditions and promote the dairy interests.

This preliminary work has developed the following facts: In some cases herds were found producing as good results as are ordinarily expected in any section of America. At other places milk was produced as cheaply as in any dairy section in the country. On the whole there was an enormous demand for dairy products. Almost all butter and cheese was obtained from other sections, some cream being shipped a great distance. Condensed milk and cream find a great market throughout all the Southern cities. Silage is used to a very limited extent in the South, but in a few isolated cases silos were found to contain an excellent quality of silage. One of the great drawbacks to dairying in the South is the inferior grade of cattle found there. They are mostly descendants of the Jersey breed, but lack altogether any quality that characterizes that breed. It is probable that this poor quality of dairy stock is due, in large part, to the fact that the live-stock industry has been made unprofitable because of the presence of the cattle tick and the infection of Texas fever. The Southern dairyman does not know how to grow feeds cheaply for dairy feeding. In many cases the feeds that he has at hand are not used to advantage because of lack of knowledge of the proper feeding methods. There is great need throughout the South for education in improved methods of dairy breeding and feeding and milk production.

The investigations so far have shown that there is a great desire on the part of many Southern people to know more about dairying. They are anxious for something that will enable them to get away from the one-crop system. The action of Congress in appropriating \$20,000 for the extension of this work during the fiscal year 1907 indicates that its importance is beginning to be realized.

DAIRY BUILDING AND MANAGEMENT INVESTIGATIONS.

The large number of inquiries that comes to the Dairy Division for assistance in designing and constructing modern improved dairy barns and other dairy buildings resulted in the taking up of the study of buildings of this character. Circulars were issued stating that the Division was prepared to give assistance to a limited number of applicants for plans for barns and other dairy buildings, and many inquiries were received as a result. A large number of plans have been worked out and sent to farmers throughout the country. More have been sent to dairymen in the South than to any other section, though applications have come from every State in the Union.

The subject of silo construction has also received considerable attention. In August, 1905, three silos, representing three distinct types of construction, were built on different farms in the same neighborhood at Easley, S. C. They were built by the owners under the

supervision of the Dairy Division. One of these silos was of an entirely new form of construction, originated by Mr. G. H. Parks, the Division architect, which it is believed will prove to be very satisfactory. It consists of expanded metal, of a gauge sufficiently strong to withstand the pressure of the silage, and cement. The sheets of expanded metal were nailed to temporary studs and the lapping ends securely wired together. The inside was then plastered with 2 inches of cement and the temporary studs removed, after which the outside was covered with about one-half to 1 inch, completing a wall from $2\frac{1}{2}$ to 3 inches in thickness. As the silo was only partially filled the first winter, no conclusions as to the reliability of this construction have been drawn.

Another of these silos was built on what is known as the modified Wisconsin plan, which is described in publications of the Wisconsin Experiment Station and of many other stations. The third silo is known as the stave silo. In the latter a slight departure from the regular method of construction was made. The staves were spiked to each other at intervals of about 5 feet, so that the structure stood solid and firm even before the hoops were placed upon it. It is believed that this method of spiking the staves together is superior to the old method of putting up tongued and grooved staves.

It is the intention to study these three forms of silo as to their durability and practicability. Applications were received during the year for specifications and directions for building more than 75 silos in the South.

A circular (No. 90) giving a plan for a modern dairy barn, with suggestions that would enable a builder to use the ideas embodied in this structure in any form of barn he might wish to build was issued during the winter, and a large number of copies were distributed at the dairy show in Chicago in February. This circular was copied by nearly all the agricultural papers of the country and received favorable comment. Plans are gradually being worked out for a more complete publication concerning barn and silo construction.

Investigations into the management of creameries and cheese factories are being undertaken. The principal creamery and cheese sections of the country will be visited and the business features of the industries studied, including the organization of the creamery or cheese factory company, the equipment of such establishments, the kinds of buildings used, etc. The object of this line of work is to enable the Dairy Division to give expert information along these lines to those who desire it.

DAIRY LABORATORIES.

The Dairy Division has not heretofore maintained a dairy laboratory in Washington, the necessary laboratory work having been done in other laboratories of the Department or at experiment stations. It was decided, however, in the latter part of the fiscal year to establish a laboratory for the Dairy Division in Washington, and two rooms of the building used by the division were set aside and are being fitted up for this purpose.

RENOVATED BUTTER INSPECTION.

The inspection of renovated butter and of the factories producing the same, under the law of May 9, 1902, has been continued. Dur-

ing the twelve months ending June 30, 1906, 374 inspections were made at 67 factories, making an average of $5\frac{1}{2}$ visits to a factory, the greatest number of inspections made at any one factory being 9. These factories produced during the fiscal year 53,795,321 pounds of renovated butter, as against 60,164,783 during the previous year. During the fiscal year 1906 the following amounts of renovated butter were inspected for export: At Chicago, 6,353,881 pounds; at New York, 4,184,118 pounds, and at Boston, 467,538 pounds, a total of 11,005,537 pounds.

The general sanitary condition of factories has improved materially from past years, and there are fewer violations of regulations in regard to the affixing of labels and stamps as prescribed by the law and the regulations of the Department. As a rule the factory men are endeavoring to the best of their ability to comply with the law and the regulations.

Renovated butter has also been inspected in the markets with a view to detecting violations of the law and regulations. On evidence obtained by inspectors two prosecutions were brought against a dealer, which resulted in his conviction in both cases, a fine being imposed in one and both fine and imprisonment in the other. The court decisions sustained the rules and regulations of the Department of Agriculture in so far as they applied to the cases in hand.

Samples were collected in a number of cities where renovated butter was found to be sold in an illegal manner, and cases have been prepared for prosecution against two wholesale dealers in renovated butter for removing the marks, stamps, labels, etc., and putting the goods on the market under deceptive names. These cases have not yet been brought to trial. It is believed, however, that there will be no further question as to the right of the Department to control the way in which renovated butter shall be sold upon the open market, so as to prevent fraud upon the purchaser and the consumer.

FUTURE DAIRY WORK.

The lines of work already under way should be continued and several of them extended. For instance, it is proposed to take up the study of Swiss cheese in addition to the other European varieties now being investigated, and the southern dairy investigations should be enlarged as the work progresses. The building and management investigations have only begun.

The Dairy Division has been able to make but little headway during the year toward indexing dairy literature as proposed in the report for the previous year, but plans are made for carrying out the project. A comprehensive index of dairy literature would be of great value and assistance in the work of the division and to dairy writers and investigators, as there is no such index in existence.

The efforts of the Dairy Division so far have been mainly along the line of the handling and marketing of milk and the manufacture of milk products. The whole subjects of dairy husbandry, the production of milk, the influence of breed and feed on quality and quantity of milk, the encouragement of farmers to know more about their stock, and other important lines of work, are as yet untouched by the division, except that a beginning has been made for the year 1907 in the study of milk as it may be affected by the period of lactation and the breed of the cow.

Two new lines of work are planned to be undertaken during the fiscal year of 1908, namely, investigations in milk production and in the manufacture of condensed milk and cream.

In order to extend the present work and to take up the new lines of work that are indicated, a considerable increase in the amount of appropriation available for the Dairy Division will be necessary.

PUBLICATIONS.

Several of the publications issued or prepared during the fiscal year have already been mentioned. Besides these, the Twenty-first Annual Report of the Bureau for 1904 was issued, and the Twenty-second Annual Report (1905) was prepared for publication. These annual reports are volumes of several hundred pages, containing special articles and miscellaneous information relating to the livestock industry and the work of the Bureau. Among other important publications prepared during the year are a bulletin on Tuberculosis of the Food-producing Animals, by Dr. D. E. Salmon (this work having been undertaken while he was Chief of the Bureau and only recently completed), and a revision of Bulletin No. 27, Information Concerning the Angora Goat, made in pursuance of a resolution of Congress.

The new publications issued by the Bureau during the twelve months ending June 30, 1906, were 70 in number, consisting of the Twenty-first Annual Report of the Bureau, the annual report of the Chief, 13 bulletins, 19 circulars, 3 Farmers' Bulletins, 31 orders and regulations, and 2 Yearbook papers, aggregating 2,099 printed pages.

NEEDS OF THE BUREAU EXPERIMENT STATION.

The work required of the Experiment Station has increased until the facilities, both as to laboratory and field room, have become inadequate. The addition of a second story to the laboratory building is greatly needed, and there is some doubt as to whether the current appropriation act confers authority for such work or for the erection of new structures of any kind. More land is also needed, not only to allow room for the proper arrangement and separation of animals under experiment with contagious diseases, but to provide for the production of green forage for the animals, which are necessarily confined to small paddocks. Increased space would lessen the danger of the accidental spread of contagion, as well as effect a large saving in feed bills, and the purchase of additional land is therefore considered the part of wisdom and economy. I recommend that Congress give authority for such purchase, also authority to make alterations to existing buildings and to erect new structures as necessity may arise.

PROPOSED EXPERIMENTAL FARM FOR BREEDING, FEEDING, AND DAIRY INVESTIGATIONS.

As the work in animal breeding and feeding progresses it becomes evident that the Bureau will need an experimental farm near Washington for investigations of this class, aside from the cooperative work being done with the State experiment stations. Experiments

in breeding and feeding have been carried on in a small way at one of the Bureau quarantine stations and at the Bureau Experiment Station for contagious diseases, but it is obviously very undesirable and unwise to keep animals for experiments of this kind on the same premises where animals are undergoing quarantine or where experiments are being made with contagious diseases. It therefore seems that the time is soon coming when the Bureau should be provided with a separate farm for investigations in breeding and feeding live stock and in dairying.

EXPENDITURES.

The expenditures from the appropriations for the work of the Bureau, with names of persons employed, are shown in the following statements:

Summary of disbursements from the different appropriations for the Bureau of Animal Industry during the fiscal year ended June 30, 1906.

[This statement includes accounts passed for payment up to and including November 19, 1906.]

APPROPRIATION FOR GENERAL EXPENSES.

	Salaries.	Travel.	Miscella-neous.	Total.
Administration.....	\$6,676.08	\$703.20	\$12,283.99	\$19,663.27
Animal husbandry investigations.....	3,457.67	717.15	1,011.71	5,186.53
Eradication of maladie du coit in horses.....	1,669.99	1,076.58	168.90	2,915.47
Eradication of mange in cattle.....	63,040.58	20,298.61	618.67	83,957.86
Eradication of scabies in sheep.....	127,860.07	51,196.77	2,291.35	181,348.19
Experiment Station, Bethesda, Md.....	19,023.90	.....	10,550.88	29,574.78
Hog cholera investigations.....	2,430.00	406.49	1,761.14	4,597.63
Inspection of exported cattle.....	47,392.50	177.44	1,797.38	49,367.32
Inspection of imported animals.....	26,142.17	3,465.11	1,745.35	31,352.63
Inspection of renovated butter.....	10,437.00	7,379.53	1,931.84	18,848.37
Inspection of southern cattle.....	35,248.88	5,617.63	1,181.01	46,047.52
Investigations and experiments in dairy industry.....	19,001.60	5,292.05	5,287.92	29,581.57
Laboratories and library.....	37,700.83	575.76	5,073.97	43,350.56
Meat inspection.....	730,762.53	5,446.88	35,451.85	771,661.26
Microscopic inspection of pork.....	43,862.70	.....	3,679.49	47,542.19
Total.....	1,178,706.50	102,353.20	83,935.45	1,364,995.15

APPROPRIATION FOR ANIMAL BREEDING AND FEEDING.

Animal nutrition, Pennsylvania.....	\$3,038.17	.....	\$198.90	\$3,237.07
Beef production, Alabama.....	2,228.34	\$364.35	.....	1,592.69
Horse breeding, Colorado and Vermont.....	2,212.22	730.31	9,145.41	12,087.94
Milch goat breeding, Connecticut and Maryland.....	376.66	522.37	3,376.71	4,275.74
Poultry breeding, Maine.....	600.00	.....	400.00	1,000.00
Turkey breeding, Rhode Island.....	1,461.31	.....	351.69	1,813.00
Zebra hybrid breeding, Maryland.....	201.33	463.57	226.31	226.31
Miscellaneous investigations.....	.....	.....	70.15	735.05
Total.....	9,118.03	2,080.60	13,769.17	24,967.80

APPROPRIATION FOR SALARIES.

Statutory roll.....	\$78,742.96	\$78,742.96
---------------------	-------------	-------	-------	-------------

APPROPRIATION FOR URGENT DEFICIENCY.

Meat inspection.....	\$24,975.52	\$990.02	\$366.00	\$26,331.54
Microscopic inspection of pork.....	16,323.22	100.00	407.53	15,830.75
Total.....	40,298.74	1,090.02	773.53	42,162.29

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906.

ADMINISTRATION.

Name.	Salary.	Travel.
Augusterfer, R.	\$91.00	
Barrett, J. M.	144.00	
Bashford, E. J.	15.75	
De Atley, Alice	480.00	
Edsall, H. M.		\$89.40
Farrington, A. M.	1,500.00	
Gill, Edgar		10.40
McCabe, Geo. P.		105.05
Mann, E. L.	360.00	
Melvin, A. D.	1,145.83	98.60
Meyett, Fred	133.50	
Miller, W. E.	84.00	
Mohler, J. R.		7.10
Perry, J. M.	30.00	
Pitney, A. L.	1,800.00	
Ritzman, E. G.	840.00	
Sands, J. K.	52.00	
Schroeder, E. C.		5.25
Thompson, Wm.		52.20
Transportation:		
Baltimore and Ohio R. R. Co.—		
A. D. Melvin		17.00
Do		17.50
Chesapeake and Ohio Rwy., Geo. P. McCabe		17.00
Chicago, Burlington and Quincy R. R. Co., Geo. P. McCabe		7.50
Chicago and Northwestern Rwy. Co.—		
A. D. Melvin		31.50
Do		13.40
Illinois Central R. R. Co., Geo. P. McCabe		7.50
Michigan Central R. R., A. D. Melvin		6.75
Missouri Pacific Rwy. Co.—		
Geo. P. McCabe		5.80
A. D. Melvin		27.75
Pennsylvania R. R. Co.—		
James Wilson		35.00
Do		34.00
A. D. Melvin		14.25
Pullman Co.—		
James Wilson		18.00
Do		10.00
Geo. P. McCabe		5.00
Do		9.50
A. D. Melvin		5.00
Do		5.00
Do		5.00
Union Pacific R. R. Co.—		
Geo. P. McCabe		30.00
Do		57.75
A. D. Melvin		17.00
Washington Southern Rwy. Co.—		
J. R. Mohler		5.00
E. C. Schroeder		5.00
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co., Geo. P. McCabe		8.00

Totals: Salary, \$6,676.08; travel, \$703.20.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Stromberg-Carlson T. Manufacturing Co.	Lead cable	\$45.01
Kellogg Switch Board and Supply Co.	Telephone and supplies	82.25
W. L. Swayze	Fountain pen	2.50
M. Du Perow	Desk fan	9.60
J. A. Roebling's Sons	Steel cable	7.60
R. C. Ballantyne	Copying bath	3.75
Capital Traction Co.	Car tickets	10.00
Yawman & Erbe Manufacturing Co.	Guides	1.50
R. C. Ballantyne	Ring clips	2.30
F. A. Schmidt	Drawing material	8.49
J. T. Thompson	Stamping envelopes and paper	31.50
Simplex Tabulator Co.	Simplex tabulator	1.25
Capital Traction Co.	Car tickets	10.00
W. L. Swayze	Waterman fountain pen	2.50
Barber & Ross	1 set drills	4.25
Oliver Typewriter Co.	Reid copyholder	2.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ADMINISTRATION—Continued.

Name.	Article.	Amount.
W. B. Moses & Sons.....	Rug.....	\$27.90
Do.....	do.....	13.00
P. H. Heiskell, jr., & Co.....	Leather belting.....	5.40
Capital Traction Co.....	Car tickets.....	10.00
Hugh Reilly.....	Imperial green.....	.95
Bedell Manufacturing Co.....	Repairing chairs.....	4.35
J. Lansburgh Furniture and Carpet Co.....	Desk.....	25.50
D. Frank Parker.....	Pads, Reid copyholder, varnish.....	8.45
W. B. Moses & Sons.....	Window shades.....	2.00
M. Joyce Engraving Co.....	Facsimile engraving.....	3.25
Rudolph & West Co.....	Sandpaper, screws, galvanized buckets.....	9.00
Library Bureau.....	Blank folder.....	12.00
Do.....	1 cabinet.....	49.50
The Elliott Co.....	Trays, tape, frames, etc.....	144.77
Charles Shore.....	Repair bicycle.....	.60
E. Morrison Paper Co.....	Bristol boards.....	5.80
Okonite Co.....	Wire.....	9.30
R. P. Andrews Paper Co.....	Fasteners.....	.15
E. Morrison Paper Co.....	Index.....	.25
Bedell Manufacturing Co.....	Recaning chairs.....	10.95
Capital Traction Co.....	Car tickets.....	10.00
W. B. Moses & Sons.....	Brass rug pins.....	.40
M. Du Perow.....	Reinforced cord.....	9.13
E. Morrison Paper Co.....	Transfer cases.....	.90
R. P. Andrews Paper Co.....	O. K. fasteners.....	1.45
Do.....	Pens.....	1.40
Barber & Ross.....	French grindstones, emery wheels.....	10.50
E. J. Pullman.....	Photo supplies.....	33.20
G. W. Forsberg.....	Circular grates.....	18.40
G. F. Muth & Co.....	Paint, brush, turpentine, etc.....	3.37
Murray Engineering Co.....	Repairs to vacuum pump.....	19.50
R. C. Ballantyne.....	Copying bath, fasteners.....	9.15
R. P. Andrews Paper Co.....	Record book.....	5.76
Remington Typewriter Co.....	Repairs to typewriter.....	13.75
Capital Traction Co.....	Car tickets.....	10.00
T. E. Landon.....	Material and labor at biochemical division.....	8.25
M. Joyce Engraving Co.....	2 engravings.....	1.50
Bedell Manufacturing Co.....	Repairs to 6 chairs.....	5.25
Hydraulic Air Carpet Cleaning Co.....	Cleaning 3 office rooms.....	10.00
W. B. Moses & Sons.....	Linoleum.....	55.23
Remington Typewriter Co.....	1 typewriter and cover.....	79.00
R. P. Andrews Paper Co.....	Fasteners.....	1.45
Remington Typewriter Co.....	1 typewriter.....	79.00
Kellogg Switchboard and Supply Co.....	Desk stand, complete.....	10.75
Capital Paper Box Co.....	Pamphlet boxes.....	19.92
W. B. Moses & Sons.....	Linoleum.....	176.25
J. B. Lambie Co. (Incorporated).....	Spring steel.....	1.00
Rudolph & West Co.....	Set screws.....	.25
Library Bureau.....	Blue cards.....	16.25
Barber & Ross.....	Saw files.....	2.40
Do.....	Oilstones.....	2.25
Rudolph & West Co.....	Tacks.....	3.10
R. P. Clarke Co.....	Green rep cloth.....	4.50
Rudolph & West Co.....	2 bench screws.....	2.20
T. Somerville & Sons.....	14 iron collars.....	7.32
Lindsay Rubber Co.....	Rubber dam.....	.80
Church & Stephenson.....	Lumber.....	40.00
J. B. Lambie Co. (Incorporated).....	Test steel.....	2.18
Rudolph & West Co.....	1 dozen brass boxes.....	5.50
Church & Stephenson.....	Lumber.....	10.00
Barber & Ross.....	Autodrills.....	2.00
Rudolph & West Co.....	Screws.....	2.76
Barber & Ross.....	Galvanized iron, saws, hinges, etc.....	10.68
Do.....	Pulleys, nails, files, brads.....	4.95
National Electrical Supply Co.....	Gong marker, 100 feet belt lacing.....	1.75
Barber & Ross.....	Steel washer.....	1.50
R. P. Clarke Co.....	Billiard cloth and green rep.....	22.75
Church & Stephenson.....	Poplar.....	49.50
Jas. B. Lambie Co. (Incorporated).....	Mortise machine, wire cloth.....	7.50
Rudolph & West Co.....	Saws, brads, brass.....	11.17
Barber & Ross.....	Brass spring wire.....	2.80
Do.....	Ceiling hooks.....	8.45
Do.....	Label holders.....	3.75
Dulin & Martin.....	Water cooler.....	8.10
United States Envelope Co.....	Plain envelopes.....	14.80
W. B. Moses & Sons.....	Clothes tree and typewriter chair.....	8.22
Gatchel & Manning.....	3 scientific engravings.....	3.00
E. Morrison Paper Co.....	100 sheets bristol.....	2.70

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ADMINISTRATION—Continued.

Name.	Article.	Amount.
Rudolph & West Co.	Door check and spring	\$1.94
D. Frank Parker	1 reading glass	1.25
Southern Printers' Supply Co.	1 electro	.25
E. J. Fullman	2 dozen plates	1.42
M. Du Perow	Desk fan	9.60
Library Bureau	Library Bureau cards	29.60
Citizens' Trust Co.	Envelopes	72.00
Woodward & Lothrop	Drinking glasses	.92
R. P. Andrews Paper Co.	Clips	1.00
P. Lindemeyr	Ink	9.80
Lamb & Tilden	do	.60
J. P. Nawrath	Twine	17.65
W. L. Swayze	Shannon files	14.40
Do	Steel erasers	5.12
Do	Combination erasers	4.00
N. H. Shea	Fly paper	.60
Armour & Co.	Olive soap	2.40
R. P. Andrews Paper Co.	Copying cloths	4.92
Woodward & Lothrop	Cuspidors	2.97
Do	Cotton mops	2.34
E. Morrison Paper Co.	Paper, ledger	15.90
R. P. Andrews Paper Co.	Gem clips	2.50
J. C. Ergood & Co.	Ivory soap	3.92
N. H. Shea	Mop handles	.84
R. C. Ballantyne	Manila paper	21.60
R. P. Andrews Paper Co.	Ink eradicator	1.20
D. Frank Parker	Protection files	6.00
Woodward & Lothrop	Desk baskets, sapolio	4.22
C. R. Edmonston	Soap slabs	.65
P. Lindemeyr	Wrapping paper	32.00
E. Morrison Paper Co.	Envelope openers	1.75
American News Co.	Conant binders	3.90
Woodward & Lothrop	Matches	2.61
D. Frank Parker	Stamp pads	7.34
Jas. Elliott & Co.	Toweling	9.74
United States Envelope Co.	Envelopes	159.37
N. H. Shea	Soapine	1.44
Z. D. Gilman	Medicine droppers	.50
Do	Roach food	3.30
Geo. T. Fritch & Son	Brooms	10.50
W. L. Swayze	Crown tablets	27.36
Do	Clips	5.34
Do	Erasers	3.12
Do	Copying cloths	2.40
Do	Wire baskets	5.52
Do	Typewriter paper	4.00
Do	Letter paper	6.00
Do	Blank books	21.60
Do	Stone copying cloths	1.60
Lansburgh Bros.	Hair brushes	5.23
E. Faber	Erasers	1.31
E. Morrison Paper Co.	Pens	12.40
R. P. Andrews Paper Co.	Ink	.71
E. Faber	Pencils and bands	79.56
Armour & Co.	Olive soap	2.40
Remington Typewriter Co.	Letter paper	46.75
J. C. Ergood Co.	Bon ami	.80
E. Faber	Bands	10.44
R. P. Andrews Paper Co.	Thumb tacks	1.05
Woodward & Lothrop	Cuspidors	2.97
Do	Glasses	1.84
C. R. Edmonston	Willow trunk	6.00
J. B. Lambie Co. (Incorporated)	Steel shears	6.50
Armour & Co.	Olive soap	4.80
Library Bureau	White cards	29.60
Remington Typewriter Co.	Letter paper	56.10
E. Morrison Paper Co.	Time books	5.80
R. P. Andrews Paper Co.	Inkstands	2.22
J. C. Ergood Co.	Soap	3.92
Mackall Bros.	do	13.92
Jas. Elliott & Co.	Toweling	5.37
D. Frank Parker	Letter copying books	2.60
United States Envelope Co.	Manila envelopes	17.80
R. P. Andrews Paper Co.	Blotters	2.60
N. H. Shea	Soapine	1.44
R. P. Andrews Paper Co.	Clips	1.25
W. L. Swayze	Pyramid pins	5.48
Do	Steel erasers	11.20
Do	Shannon files, blank books	34.80

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ADMINISTRATION—Continued.

Name.	Article.	Amount.
W. L. Swayze.	Oil boards.	\$2.82
Do.	Paper.	10.00
Do.	Wire baskets (waste).	.88
Do.	Rulers.	2.73
Do.	Scratch books.	4.55
Do.	Copying cloths, desk pads, etc.	7.70
Do.	Letter paper.	38.50
Do.	Toilet paper.	12.50
J. B. Lambie Co. (Incorporated).	Shears.	3.25
Hugh Reilly.	Sash brushes.	1.60
D. Frank Parker.	Self-inking pads.	8.64
United States Envelope Co.	Envelopes.	46.24
R. P. Andrews Paper Co.	Memo. books.	2.04
Remington Typewriter Co.	Paragon ribbons.	3.00
J. B. Lambie Co. (Incorporated).	Chamois skins.	1.62
E. Faber.	Rubber bands.	34.80
G. F. Muth & Co.	Typewriter oil.	1.05
Armour & Co.	Olive soap.	12.00
W. L. Swayze.	Letter books.	21.90
Do.	do.	16.42
P. H. Heiskell, jr., & Co.	Scratch books.	4.77
Armour & Co.	Wire waste baskets, ruling pens.	1.29
R. P. Andrews Paper Co.	Copying cloths, typewriter paper.	14.00
Woodward & Lothrop.	Whisk brooms.	1.40
Do.	Olive soap.	4.80
United States Envelope Co.	Ink.	.47
Geo. F. Fritch & Son.	Wire baskets.	.62
H. C. Davison & Co.	Matches.	5.22
Remington Typewriter Co.	Envelopes.	129.00
M. Wiegand.	Brooms.	7.50
E. Morrison Paper Co.	Books.	43.86
R. P. Andrews Paper Co.	Letter paper.	46.75
D. Frank Parker.	Shipping tags.	4.25
J. P. Nawrath.	Pens.	4.00
R. P. Andrews Paper Co.	Record books.	5.76
N. H. Shea.	Books.	1.80
J. C. Ergood Co.	Twine, hemp.	19.02
D. Frank Parker.	Eradicator.	1.20
Z. D. Gilman.	Soapine.	1.92
E. Faber.	Lye.	2.70
W. L. Swayze.	Underwood indelible copying ribbons.	9.00
Do.	Nail brushes.	4.35
Do.	Bands and erasers.	68.50
Do.	Letter books.	5.47
Do.	Rulers.	2.83
J. C. Ergood Co.	Crown typewriter paper.	19.25
Mackall Bros.	Wire waste baskets.	1.32
J. B. Lambie Co. (Incorporated).	Paper.	53.90
United States Envelope Co.	Toilet paper.	12.50
D. Frank Parker.	Bon ami.	1.60
R. P. Andrews Paper Co.	Soap.	13.83
J. C. Ergood Co.	Glue.	.96
United States Envelope Co.	Envelopes.	7.65
Remington Typewriter Co.	Copying carbons.	18.00
R. P. Andrews Paper Co.	Gem clips.	2.50
Do.	Soap.	7.84
E. Morrison Paper Co.	White envelopes.	122.32
J. B. Lambie Co. (Incorporated).	Woven letter paper.	93.50
E. Faber.	Blotters.	1.90
H. C. Davison & Co.	Blotting paper.	77.40
R. P. Andrews Paper Co.	Pens.	22.00
Typewriter and Office Supply Co.	Shears.	6.50
Woodward & Lothrop.	Rubber bands.	96.18
W. L. Swayze.	Copying books.	43.86
Do.	Thumb tacks.	1.45
Do.	Cards.	7.50
Rudolph & West Co.	Cuspidors.	5.94
D. Frank Parker.	Scratch books.	17.04
Do.	Oil boards.	14.00
Remington Typewriter Co.	Paper.	112.50
Do.	Perfect file.	2.25
E. Morrison Paper Co.	Paper, desk pads.	21.22
R. C. Ballantyne.	Hammers, etc.	3.60
	Loose leaf binder, etc.	2.88
	Carbon.	55.00
	Paragon ribbons.	6.00
	Paper.	99.14
	Pens.	18.00
	Manila paper.	22.01

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ADMINISTRATION—Continued.

Name.	Article.	Amount.
J. B. Lambie Co. (Incorporated).....	Chamois skins.....	\$7.60
W. L. Swayze.....	Clips.....	8.90
Do.....	Tablets.....	3.36
G. W. Knox Express Co.....	Express and drayage.....	1.42
U. S. Express Co.....	.....do.....	7.45
Adams Express Co.....	.....do.....	18.75
Jno. Roberts.....	Photos of cattle.....	8.34
G. W. Knox Express Co.....	Drayage.....	.50
Do.....	Drayage and freight.....	10.44
Do.....	Freight.....	.45
Adams Express Co.....	Express.....	11.20
United States Express Co.....	.....do.....	17.04
G. W. Knox Express Co.....	Drayage and freight.....	1.22
J. H. Johnson & Son.....	Rent.....	150.00
G. W. Knox Express Co.....	Drayage and freight.....	.53
Baltimore and Ohio R. R.....	Freight on stamps.....	10.21
Baltimore and Ohio Southwestern R. R.....	.....do.....	12.18
Potomac Electric Power Co.....	Illumination and power.....	79.00
Adams Express Co.....	Express.....	15.85
United States Express Co.....	.....do.....	2.30
American Ice Co.....	Ice.....	32.78
W. A. Brown.....	Rent.....	50.00
J. H. Johnson & Son.....	.....do.....	150.00
Washington Gas Light Co.....	Illumination.....	26.30
Potomac Electric Power Co.....	Illumination and power.....	78.24
Frazee Potomac Laundry Co.....	Laundry.....	3.15
W. A. Brown.....	Rent.....	50.00
J. H. Johnson & Son.....	.....do.....	150.00
Frazee Potomac Laundry Co.....	Laundry.....	3.60
Washington Gas Light Co.....	Illumination.....	34.00
Potomac Electric Power Co.....	Illumination and power.....	81.36
Merchants' Despatch Transportation Co.....	Freight.....	.55
American Ice Co.....	Ice.....	30.62
Do.....	.....do.....	25.43
Washington Gas Light Co.....	Illumination.....	29.70
W. A. Brown.....	Rent.....	50.00
J. H. Johnson & Son.....	.....do.....	150.00
Frazee Potomac Laundry Co.....	Laundry.....	3.41
Potomac Electric Power Co.....	Illumination.....	66.24
Western Union Telegraph Co.....	Telegrams.....	22.67
Do.....	.....do.....	19.59
United States Express Co.....	Express.....	6.50
Adams Express Co.....	.....do.....	17.82
W. A. Brown.....	Rent.....	50.00
J. H. Johnson & Son.....	.....do.....	150.00
Chicago Great Western Rwy. Co.....	Freight.....	.19
Adams Express Co.....	Express.....	12.75
Do.....	.....do.....	9.25
Do.....	.....do.....	33.40
W. J. Kennedy.....	Manuscript, Cattle, Sheep, and Hog Feeding in Europe.....	800.00
J. H. Johnson & Son.....	Rent.....	150.00
Frazee Potomac Laundry Co.....	Laundry.....	4.02
W. A. Brown.....	Rent.....	50.00
Potomac Electric Power Co.....	Illumination and power.....	68.58
Washington Gas Light Co.....	.....do.....	33.80
American Ice Co.....	Ice.....	22.98
J. H. Johnson & Son.....	Rent.....	150.00
Washington Gas Light Co.....	Illumination.....	46.10
W. A. Brown.....	Rent.....	50.00
Potomac Electric Power Co.....	Illumination and power.....	74.78
Frazee Potomac Laundry Co.....	Laundry.....	4.19
American Ice Co.....	Ice.....	19.08
Chicago, Burlington and Quincy Rwy.....	Freight.....	.46
Boston and Maine R. R.....	.....do.....	.78
Chicago and Alton R. R.....	.....do.....	4.18
Chicago, Rock Island and Gulf Rwy.....	.....do.....	2.78
Star Union.....	.....do.....	16.42
Union Pacific R. R.....	.....do.....	5.92
Star Union.....	.....do.....	8.32
T. Libby & Co.....	Drayage.....	.40
Chesapeake and Potomac Telephone Co.....	Telephone.....	.30
W. A. Brown.....	Rent.....	50.00
Pennsylvania R. R. Co.....	Freight.....	.66
Erie Railroad Co.....	.....do.....	.45
Frazee Potomac Laundry Co.....	Laundry.....	4.49
J. H. Johnson & Son.....	Rent.....	150.00
American Ice Co.....	Ice.....	16.49
New York Central and Hudson River R. R. Co.....	Freight.....	.44
Do.....	.....do.....	.25

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ADMINISTRATION—Continued.

Name.	Article.	Amount.
New York, New Haven and Hartford R. R. Co.	Freight.....	\$0.82
T. Libby & Co.....	Drayage.....	.25
Do.....	do.....	.40
Michigan Central R. R.	Freight.....	1.88
Lake Shore and Michigan Southern Rwy.	do.....	1.85
Chicago, Rock Island and Pacific Rwy.	do.....	.17
Illinois Central R. R.	do.....	.42
Do.....	do.....	.42
Chicago and Northwestern R. R.	do.....	8.84
Baltimore and Ohio R. R.	do.....	10.21
Chicago and Alton R. R.	do.....	4.17
Star Union.....	do.....	.64
Union Pacific R. R.	do.....	1.74
Baltimore and Ohio R. R.	do.....	20.42
Chicago, Burlington and Quincy Rwy.	do.....	17.10
New York, New Haven and Hartford R. R.	do.....	7.20
Chicago, Milwaukee and St. Paul Rwy.	do.....	.17
Washington Gas Light Co.	Illumination.....	43.40
Potomac Electric Power Co.	Illumination and power.....	66.64
Chicago and Northwestern Rwy.	Express.....	1.50
Washington Gas Light Co.	Illumination.....	44.60
W. J. Kennedy.....	Manuscript, Hunter Horse Breeding in Ireland.....	200.00
Potomac Electric Power Co.	Illumination and power.....	80.15
W. A. Brown.....	Rent.....	50.00
Chicago, Rock Island and Pacific Rwy Co.	Freight on hog rings.....	3.95
Chesapeake and Potomac Telephone Co.	Telephone.....	.10
American Ice Co.	Ice.....	18.50
Frazeey Potomac Laundry Co.	Laundry.....	4.59
Chicago and Alton R. R. Co.	Freight.....	8.69
Joy Steamship Co.	do.....	.28
Littlefield, Alvord & Co.	Drayage.....	8.70
Do.....	do.....	3.75
Do.....	Freight.....	1.30
New York Central and Hudson River R. R. Co.	do.....	.25
Thomas Curry.....	do.....	1.78
Northern Pacific Rwy. Co.	Freight on seals and copying press.....	3.25
Washington Gas Light Co.	Illumination.....	43.60
Frazeey Potomac Laundry Co.	Laundry.....	3.89
Big Four Rwy. Co.	Freight.....	.70
Chicago and Great Western Rwy. Co.	do.....	1.41
Chicago, Milwaukee and St. Paul Rwy.	do.....	1.06
American Ice Co.	Ice.....	18.34
Chicago, Rock Island and Pacific Rwy. Co.	Freight.....	.30
Do.....	do.....	3.80
Pennsylvania R. R. Co.	do.....	.74
Star Union Line.....	do.....	.71
Chicago and Alton R. R. Co.	do.....	1.34
J. H. Johnson & Son.	Rent.....	150.00
Chicago, Milwaukee and St. Paul Rwy.	Freight.....	.25
Washington Gas Light Co.	Illumination.....	48.10
Missouri Pacific Rwy. Co.	Freight.....	.98
Chicago, Burlington and Quincy Rwy. Co.	do.....	.95
Illinois Central R. R. Co.	do.....	.57
Atchison, Topeka and Santa Fe Rwy.	do.....	1.39
Chicago, Rock Island and Gulf Rwy.	do.....	10.38
Chesapeake and Potomac Telephone Co.	Telephone.....	81.90
J. H. Johnson & Son.	Rent.....	150.00
W. A. Brown.....	do.....	50.00
I. P. Roosa.....	Express.....	2.00
American Ice Co.	Ice.....	19.68
Frazeey Potomac Laundry Co.	Laundry.....	3.59
Potomac Electric Power Co.	Illumination.....	72.66
Washington Gas Light Co.	do.....	48.40
Vanderbilt Express Co.	Express.....	1.50
Potomac Electric Power Co.	Illumination.....	75.00
Chicago, Milwaukee and St. Paul Rwy. Co.	Freight.....	.25
Cleveland, Cincinnati, Chicago and St. Louis Rwy.	do.....	.84
Chicago, Rock Island and Pacific Rwy.	do.....	.91
J. J. O'Heron.	Drayage.....	1.62
Do.....	do.....	1.87
Do.....	do.....	1.06
Do.....	do.....	1.56
Do.....	do.....	.75
Pittsburg, Cincinnati, Chicago and St. Louis Rwy.	Freight.....	.52
Chicago Great Western Rwy. Co.	do.....	2.03
Western Union Telegraph Co.	Telegrams.....	39.24
Do.....	do.....	23.96
Do.....	do.....	7.79

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ADMINISTRATION—Continued.

Name.	Article.	Amount.
Vanderbilt Express Co.	Express.	\$1.13
W. A. Brown.	Rent.	50.00
Adams Express Co.	Express.	19.62
Do.	do.	20.55
Do.	do.	9.05
Frazee Potomac Laundry Co.	Laundry.	4.79
American Ice Co.	Ice.	24.32
J. H. Johnson & Son.	Rent.	150.00
Chicago and Alton R. R. Co.	Freight.	1.15
Star Union Line.	do.	1.40
Chicago, Burlington and Quincy Rwy.	do.	2.29
Pennsylvania R. R. Co.	do.	27.42
D. E. Salmon.	Report, Tuberculosis of the Food Producing Animals.	1,000.00
Alice Branham.	Laundry.	2.00
Pennsylvania R. R. Co.	Freight.	.53
Do.	do.	.28
Do.	do.	.84
Atchison, Topeka and Santa Fe Rwy.	do.	9.16
Chicago, Milwaukee and St. Paul Rwy.	do.	.25
B. H. Ransom.	Rent, stable.	2.00
T. Libby & Co.	Drayage.	.50
Vanderbilt Express.	do.	.25
Potomac Electric Power Co.	Illumination.	75.94
United States Express Co.	Express.	3.40
Do.	do.	8.51
Do.	do.	14.50
J. J. O'Heron.	Drayage.	.75
Do.	do.	.50
Do.	do.	.82
Do.	do.	.50
Do.	do.	.25
G. W. Knox Express Co.	Express.	4.76
Michigan Central R. R.	Freight.	1.58
Washington Gas Light Co.	Illumination.	44.20
W. A. Brown.	Rent.	50.00
Frazee Potomac Laundry Co.	Laundry.	3.58
J. H. Johnson & Son.	Rent.	150.00
Alice Branham.	Laundry.	2.20
American Ice Co.	Ice.	29.38
Wabash R. R.	Freight.	2.03
Boston and Maine R. R.	do.	.78
Washington Gas Light Co.	Illumination.	39.20
Vanderbilt Express.	Drayage.	1.25
Great Northern Rwy. Co.	Freight.	1.72
Potomac Electric Power Co.	Illumination.	85.20
Boston and Albany R. R.	Freight.	.25
Chicago, Rock Island and Pacific Rwy.	do.	1.24
Do.	do.	.88
Illinois Central R. R.	do.	.59
Chicago, Rock Island and Pacific Rwy.	do.	4.15
Chesapeake and Potomac Telephone Co.	Telephone.	90.50
Chicago and Alton R. R. Co.	Freight.	4.17
Missouri Pacific Rwy. Co.	do.	1.35
Missouri, Kansas and Texas Rwy.	do.	1.42
Chicago and Northwestern Rwy.	do.	.25
Do.	do.	1.92
Southern Railway Co.	do.	6.76
Star Union Line.	do.	.97
Pennsylvania R. R.	do.	2.69
J. J. O'Heron.	Drayage.	1.50
Chicago and Northwestern Rwy.	Freight.	12.61
Chesapeake and Potomac Telephone Co.	Telephone.	.20
Adams Express Co.	Express.	2.90
Do.	do.	14.63
Do.	do.	21.48
Erie R. R. Co.	Freight.	.71
Baltimore and Ohio R. R. Co.	do.	1.53
United States Express Co.	Express.	9.81
Do.	do.	8.95
Wisconsin Central Rwy.	Freight.	.21
Chicago, Burlington and Quincy Rwy.	do.	5.60
New York Central and Hudson River R. R. Co.	do.	.69
Illinois Central R. R.	do.	.72
Western Union Telegraph Co.	Telegraph service.	20.33
Chicago, Rock Island and Pacific Rwy.	Freight.	.98
Do.	do.	1.78
Union Pacific R. R.	do.	1.64
Delaware, Lackawanna and Western R. R.	do.	3.04

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ADMINISTRATION—Continued.

Name.	Article.	Amount.
Chicago and Alton R. R. Co.	Freight	\$0.42
Pennsylvania R. R.	do.	.51
Chicago and Northwestern Rwy. Co.	do.	1.64
Chicago, Rock Island and Pacific Rwy.	do.	7.48
Atchison, Topeka and Santa Fe Rwy.	do.	4.22
Missouri Pacific Rwy.	do.	.19
Western Union Telegraph Co.	Telegraph service	.40
Do.	do.	.23
Do.	do.	1.00
Postal Telegraph-Cable Co.	do.	24.82
Do.	do.	25.99
Western Union Telegraph Co.	do.	18.61
Do.	do.	38.28
Do.	do.	54.52
Chicago, Burlington and Quincy Rwy	Freight	.25
Pere Marquette R. R.	do.	.75
Chesapeake and Potomac Telephone Co.	Telephone service	.10
American Ice Co.	Ice	15.41
United States Express Co.	Express	2.95
Do.	do.	1.00
Illinois Central R. R. Co.	Freight	2.19
Do.	do.	4.44
Postal Telegraph Cable Co.	Telegraph service	31.29
Frazeey Potomac Laundry Co.	Laundry	4.44
Chesapeake and Potomac Telephone Co.	Telephone	8.15
Do.	do.	91.50
Do.	do.	8.15
Do.	do.	81.50
T. Libby & Co.	Drayage	.40
Star Union Line	Freight	.71
Lake Erie and Western P. R. Co.	do.	.40
Vanderbilt Express	Drayage	2.03
W. A. Brown	Rent	50.00
Chicago and Northwestern Rwy. Co.	Freight	4.38
Charlotte Daily Observer	Advertising cattle scabies regulations	17.40
Clarion Ledger	do.	24.00
Daily Argus Leader	do.	18.60
The Oregonian	do.	18.55
New Orleans Daily Picayune	do.	22.95
Atlanta Constitution	do.	21.20
Salt Lake Daily Tribune	do.	17.40
Helena Daily Independent	do.	10.98
Denver Record-Stockman	do.	31.00
The State, Columbia, S. C.	do.	15.25
Reno Gazette	do.	15.25
Arizona Republican	do.	15.50
Oklahoma State Capital	do.	23.20
Daily Citizen, Albuquerque	do.	19.60
Omaha Bee	do.	22.00
San Francisco Call	do.	34.56
Topeka Capital	do.	11.40
Roswell Register	do.	19.28
Morning News, Dallas	do.	18.49
Wyoming Tribune, Cheyenne	do.	19.52
Commercial Appeal, Memphis	do.	25.92
Daily Statesman, Boise, Idaho	do.	14.50
Evening Metropolis	do.	16.25
Fargo Forum and Republican	do.	16.32
Seattle Times	do.	12.60
Muskogee Times	do.	26.40
Age-Herald, Birmingham, Ala	do.	16.52
Forum and Weekly	do.	1.90
Argus Leader, Sioux Falls	do.	1.50
Muskogee Times	Advertising splenetic fever regulations	2.00
Little Rock Gazette	do.	2.50
Do.	do.	1.80
Oklahoma State Capital	do.	2.60
Do.	Advertising cattle scabies regulations	1.90
New Orleans Picayune	Advertising splenetic fever regulations	3.60
Helena Daily Independent	Advertising cattle scabies regulations	1.65
Omaha Bee	do.	1.80
New Orleans Picayune	Advertising splenetic fever regulations	2.55
The State, Columbia, S. C.	do.	2.00
San Francisco Call	do.	4.80
Roswell Register	Advertising cattle scabies regulations	1.98
Twentieth Century Farmer	Advertising maladie du coit regulations	19.80
The State, Columbia, S. C.	Advertising splenetic fever regulations	2.90
Capital-Journal, Pierre, S. Dak.	Advertising maladie du coit regulations	4.04
San Francisco Call	Advertising splenetic fever regulations	3.40

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ADMINISTRATION—Continued.

Name.	Article.	Amount.
State Capital, Denver.....	Advertising splenetic fever regulations.	\$1.80
Record-Stockman.....	Advertising cattle scabies regulations.	4.20
Topeka Capital.....	do.	.90
Commercial Appeal, Memphis.....	Advertising splenetic fever regulations.	2.16
Do.....	do.	3.00
Charlotte Observer.....	do.	1.95
Dallas Morning News.....	do.	2.10
Charlotte Observer.....	do.	1.35
Clarion-Ledger, Jackson, Miss.....	do.	2.80
Topeka Capital.....	Advertising sheep scabies regulations.	1.25
Jacksonville Metropolis.....	Advertising splenetic fever regulations.	1.10
Courier-Journal, Kentucky.....	Advertising cattle scabies regulations.	34.20
Do.....	Advertising splenetic fever regulations.	3.60
Do.....	do.	2.55
Dallas Morning News.....	do.	3.00
Do.....	Advertising cattle scabies regulations.	2.10
Times-Despatch, Richmond.....	do.	14.64
The Metropolis, Florida.....	Advertising splenetic fever regulations.	3.00
Age-Herald Publishing Co.....	do.	1.82
Do.....	do.	1.26
Atlanta Constitution.....	do.	1.70
Tribune Publishing Co., Wyoming.....	Advertising cattle scabies regulations.	1.60
Times-Dispatch, Richmond.....	Advertising splenetic fever regulations.	1.56
Constitution Publishing Co.....	do.	1.14
Dallas Morning News.....	do.	2.50
Frank H. Greer Co.....	do.	2.25
Oklahoma State Capital.....	do.	1.90
Printer's Ink.....	do.	1.90
Evening Star, District of Columbia.....	Advertising M. I. stamps and labels.	3.80
Rutland, Vt., News Co.....	do.	2.40
Burlington Free Press.....	Advertising purchase Morgan mares.	11.10
Rutland Herald.....	do.	13.80
Claremont Advertiser.....	do.	7.71
Washington Times.....	do.	2.21
The Country Gentleman.....	Advertising M. I. stamps and labels.	3.00
New England Farmer.....	Advertising Morgan mares.	13.00
American Horse Breeders' Publishing Co.....	do.	3.50
Burlington Daily News.....	do.	8.80
Dallas Morning News.....	do.	13.80
Republican Co., St. Johnsbury.....	Advertising splenetic fever regulations.	1.95
Evening Citizen.....	Advertising Morgan mares.	3.70
Wyoming Tribune.....	Advertising amendment No. 4 to regulations.	2.75
Dallas Morning News.....	do.	1.76
Topeka Capital.....	do.	2.40
Brandon, Vt., Union.....	do.	1.05
Washington Post.....	Advertising purchase Morgan mares.	1.85
Omaha Bee.....	Advertising M. I. stamps and labels.	3.00
Middlebury Register.....	Advertising amendment No. 4.	2.00
Argus Leader.....	Advertising Morgan mares.	4.33
Scientific American.....	Advertising amendment No. 4.	1.73
Muskogee Democrat.....	Advertising M. I. stamps and labels.	11.25
Salt Lake City Tribune.....	Advertising splenetic fever regulations.	2.10
Daily Record-Stockman.....	Advertising amendment No. 4.	2.42
Total.....	do.	4.40
		12,283.99

ANIMAL HUSBANDRY INVESTIGATIONS.

Name.	Salary.	Travel.
Bell, G. A.....	\$1,175.00	\$325.06
Davies, L. R.....	418.67	22.26
Gordon, Alex.....	264.00	.....
Parks, G. H.....		11.95
Rommel, G. M.....	1,600.00	179.49
Transportation:		
Baltimore and Ohio R. R. Co.—		
G. M. Rommel.....		26.10
Do.....		10.00
G. A. Bell.....		10.00
Chesapeake and Ohio R. R. Co., G. A. Bell.....		17.00
Chicago and Northwestern Rwy. Co., G. M. Rommel.....		9.12
Lake Shore and Michigan Southern Rwy. Co., G. M. Rommel.....		16.12

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ANIMAL HUSBANDRY INVESTIGATIONS—Continued.

	Name.	Salary.	Travel.
Transportation—Continued.			
New York Central and Hudson River Rwy. Co.—			
G. A. Bell.....		\$6.96	
G. M. Rommel.....		26.12	
Norfolk and Western Rwy. Co., G. M. Rommel.....		7.80	
Pennsylvania R. R. Co.—			
G. A. Bell.....		7.72	
Do.....		6.50	
Pullman Co., G. M. Rommel.....		3.50	
Southern Rwy. Co.—			
G. M. Rommel.....		14.55	
Do.....		10.90	
Pennsylvania R. R. Co., G. A. Bell.....		6.00	

Total: Salary, \$3,457.67; travel, \$717.15.

MISCELLANEOUS EXPENSES.

	Name.	Article.	Amount.
Rudolph & West Co.....		Nails.....	\$1.74
R. P. Andrews Paper Co.....		Perforator.....	1.00
Do.....		Binders, etc.....	48.50
N. M. Minnix.....		Telephone holder.....	4.50
North Carolina Cotton Oil Co.....		Cotton-seed meal.....	43.29
Smith-Premier Typewriter Co.....		Repairs to typewriter.....	.75
Church & Stephenson.....		Lumber.....	20.00
W. L. Swayze.....		Dictionary stand.....	4.50
Eisinger Bros.....		Roofing.....	2.00
A. L. Moore.....		Film packs.....	10.80
United States Mailing Case Co.....		Cases.....	4.08
Bedell Manufacturing Co.....		Recaning chairs.....	4.35
E. J. Pullman.....		Standard bromide.....	12.30
S. Kans Sons & Co.....		Sheeting.....	3.25
F. M. Dinsmore Co.....		Corn meal, etc.....	190.00
United States Envelope Co.....		Envelopes.....	12.15
G. F. Muth & Co.....		Cross section paper.....	2.00
W. B. Moses & Sons.....		Typewriter chairs.....	16.17
D. Frank Parker.....		Mimeograph stencil.....	1.75
M. Joyce Engraving Co.....		Engraving.....	.50
E. J. Pullman.....		Photograph paper.....	4.25
W. H. Hoeke.....		Desks.....	93.15
M. Dauber.....		Pigs.....	72.50
Do.....		do.....	7.50
L. R. Davies.....		Board at Halethorpe.....	23.95
Do.....		do.....	23.09
Griffith and Turner Co.....		Nails, wire fence.....	9.09
C. S. Schermerhorn.....		Meal.....	16.00
West Davis.....		Wheat straw.....	10.09
C. S. Schermerhorn.....		do.....	17.12
T. M. Dinsmore Co.....		Corn, bran, middlings.....	15.80
Dan Rider.....		Corn meal, middlings.....	18.68
Swift & Co.....		Digester tankage, freight.....	3.97
R. H. Stone.....		Boar pig.....	15.00
L. R. Davies.....		Express.....	1.40
Real Estate and Improvement Co.....		Rent.....	56.25
Chesapeake and Potomac Telephone Co.....		One call.....	.10
Do.....		do.....	.10
L. R. Davies.....		Board at Halethorpe.....	31.75
Do.....		do.....	25.36
Do.....		do.....	22.94
Do.....		do.....	26.94
Do.....		do.....	1.00
Do.....		do.....	24.54
Do.....		do.....	27.37
Do.....		do.....	43.65
Do.....		do.....	24.62
Do.....		do.....	11.87
Total.....			1,011.71

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ERADICATION OF MALADIE DU COIT IN HORSES.

Name.	Salary.	Travel.
Davison, E. T.	\$266.66	\$183.47
Fretz, W. J.	1,308.33	639.71
Kneebone, John.	95.00	8.45
Transportation:		
Chicago and Northwestern Rwy. Co.—		
W. J. Fretz.		5.84
Do.		19.58
Do.		19.58
Do.		10.70
Do.		3.55
Do.		16.38
Do.		3.57
Do.		19.58
Do.		14.74
Do.		5.45
Chicago, Burlington and Quincy Rwy. Co., W. J. Fretz.		5.90
Chicago, St. Paul, Minneapolis and Omaha R. R. Co., W. J. Fretz.		8.90
Oregon Railroad and Navigation Co.—		
E. T. Davison		6.85
Do.		9.10
Do.		36.60
Do.		7.55
Oregon Short Line—		
E. T. Davison		17.40
Do.		23.00
Chicago, St. Paul, Minneapolis and Omaha R. R. Co., W. J. Fretz		10.68

Totals: Salary, \$1,669.99; travel, \$1,076.58.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
W. J. Fretz.	Service of horse and buggy.	\$20.40
Do.	do.	6.80
E. T. Davison.	do.	18.70
G. W. Harris.	1 black mare.	20.00
J. M. Brady.	Reporting maladie du coit	50.00
John Olsen.	Mare.	20.00
W. J. Fretz.	Crate.	3.00
P. L. Loughlin.	Mare.	30.00
Total.		168.90

ERADICATION OF MANGE IN CATTLE.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Adams, N. R.	\$66.67	\$28.50	Davison, E. T.	\$1,333.34	\$361.79
Alcorn, H. A.	133.33	29.50	Durham, Leon.	775.00	102.40
Angicker, J.	963.33	346.78	Eagle, T. J.	1,213.34	363.25
Ball, H. M.	250.00	43.50	Eagle, R. F.	431.66	77.40
Barth, W. C.	1,500.00	746.02	Ells, F. C.	1,375.00	282.95
Batchelder, H. M.	1,500.00	349.94	Eichhorn, Adolph.	964.44	218.05
Beechy, L. P.	1,500.00	303.60	Elweh, F. N.	300.00	61.10
Bibb, A. G.	60.00	19.00	Exline, J. C.	100.00	18.70
Blanche, R. J.	875.00	92.12	Evans, Fred.	1,396.11	268.00
Blackwell, A. M.	1,400.00	438.25	Faunce, A. L.	362.50	147.25
Bond, G. A.	1,375.00	648.55	Fish, J. G.	1,500.00	425.75
Bowman, J. C.	520.00	215.00	Fretz, W. J.	116.67	22.25
Bracken, W. J.	1,233.34	446.74	Fry, W. A.	1,200.00	245.29
Brimhall, F. D.	596.67	135.75	Glynn, F. J.	1,146.67	285.85
Campbell, L. S.	1,216.67	216.35	Grimes, R. B.	200.00	96.55
Cary, E. J.	1,400.00	424.95	Hamilton, Wm.	100.00	22.75
Clawson, C. A.	1,500.00	246.00	Harrington, C. F.	530.00	393.07
Cohenour, H. H.	1,310.56	957.22	Hascall, M. T.	750.00	211.40
Collins, H. H.	567.77	207.00	Hayes, J. J.	125.00	53.50
Cosford, S. E.	750.00	110.00	Heacock, C. C.	741.67	166.85
Creech, G. T.	630.00	98.50	Herbert, C. M.	415.00	166.60
Crewe, W. F.	1,392.22	449.65	Hoyman, H. J.	200.00	33.00
Davis, B. C.	500.00	303.00	Hurst, W. H.	1,400.00	456.20

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ERADICATION OF MANGE IN CATTLE—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Imes, Marion	\$350.00	\$62.50	Wight, A. E.	\$433.33	\$238.50
Irwin, A. N.	1,375.00	284.50	Yard, W. W.	270.00	86.90
Jackson, R. E. L.	750.00	384.35	Yenner, Wm.	350.00	115.10
Johnson, F. E.	1,200.00	334.85	Young, J. M.	616.67	154.87
Johnson, L. E.	300.00	61.05	Transportation:		
Kiernan, J. A.	750.00	333.06	Atchison, Topeka and Santa Fe Rwy. Co., L.		
Lamb, M. B.	200.00	78.10	E. Sargent		30.50
Lawson, J. M.	150.00	36.00	Chesapeake and Ohio R. R. Co., T. M. Price		38.70
Lawton, R. G.		19.50	Chicago, Burlington and Quincy Rwy. Co.—		
Licking, L. A.	200.00	10.60	A. G. Bibb		8.50
Lipp, G. A.	650.00	248.10	T. M. Price		3.50
Lowe, J. H.	200.00	62.75	W. J. Bracken		14.65
Lowry, T. J.	83.33	61.60	F. N. Elwell		19.60
McCall, C. A.		131.25	Chicago, Milwaukee and St. Paul Rwy. Co.—		
McClure, S. W.	1,283.34	73.05	J. Anglicker		14.60
MacKellar, Wm. M.		33.95	C. F. Harrington		19.60
Massie, J. C.	111.11	51.75	Chicago and North West- ern Rwy. Co.—		
Mauldin, C. E.	800.00	73.05	J. C. Massie		
Miller, A. W.	116.66	4.00	T. M. Price		
Morrissey, L. W.	70.00	7.25	Do		27.15
Newlove, H. S.	150.00		E. T. Davison		12.05
Newman, R. R.	81.67	83.25	E. R. O'Neil		6.35
O'Neil, E. R.	920.84	630.80	E. T. Davison		12.05
Parker, J. W.	250.00	36.41	E. T. Davison		11.20
Pearson, Charles	1,400.00	156.00	J. C. Massie		2.00
Pidcock, W. S.	66.67	122.50	T. M. Price		
Price, T. M.		77.55	Do		
Proudfoot, Wm.	291.67	178.50	E. T. Davison		
Ramsay, R. A.	1,300.00	708.52	Northern Pacific Rwy. Co., F. W. Weston		12.45
Ruth, Adolph	216.67	19.15	Oregon Railroad and Navigation Co.—		
Sargent, L. E.	416.66	261.90	R. A. Ramsay		6.00
Savage, W. A.	1,500.00	193.55	Do		6.00
Schafer, C. K.	416.66	247.65	Oregon Short Line, E. T. Davison		11.55
Siggins, E. L.	250.00	50.00	Pennsylvania R. R. Co., T. M. Price		17.50
Simpson, J. M.	116.67	87.90	Union Pacific R. R. Co., E. T. Davison		7.05
Somerville, S., jr.	400.00	169.37	Chicago, Milwaukee and St. Paul Rwy. Co., C. F. Harrington		16.60
Stauffer, J. A.	1,241.67	770.20	Denver and Rio Grande R. R. Co.		
Stout, E. N.	116.66	35.15	H. M. Batchelder		12.70
Treacy, R. H.	1,300.00	459.77	W. H. Hurst		12.10
Thrower, J. D.	200.00	67.50			
Turner, T. J.	1,600.00	272.82			
Upton, W. L.	208.34	137.00			
Valentine, S. I.	135.00	78.00			
Washburn, F. R.	210.00	155.85			
West, W. L.	500.00	180.95			
Weston, F. W.	200.00	76.75			
White, Thomas	1,375.00	436.67			

Total: Salary, \$63,040.58; travel, \$20,298.61.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Underwood Typewriter Co.	Typewriter	\$80.00
H. C. Babcock	Service of saddle horse	28.00
Do.	do	28.00
Commercial Bank of Fargo	Rent	105.00
R. A. Ramsay	Laundry, telephone	15.02
Commercial Bank of Fargo	Rent	105.00
R. A. Ramsay	Laundry telephone	17.85
Commercial Bank of Fargo	Rent	105.00
R. H. Treacy	Gas, ink, soap	14.80
Commercial Bank of Fargo	Rent	105.00
R. H. Treacy	Water, soap	15.00
Total.		618.67

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ERADICATION OF SCABIES IN SHEEP.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Adair, H. B.	\$1,500.00	.....	Hoynan, H. J.	\$1,016.67	\$243.70
Adams, N. R.	166.66	\$80.75	Hutchinson, E. N.	1,500.00	546.40
Alecorn, H. A.	286.67	194.29	Imes, Marion	1,075.00	716.15
Allen, E. R.	683.33	176.15	Ingram, F. A.	126.67	12.30
Allen, R. M.	250.00	242.50	Irons, G. T.		117.77
Anglicker, J.	200.00	63.00	Jacobs, J. Otis	1,500.00	322.95
Archer, R. J.	120.00	89.75	Jackson, R. E. L.	250.00	65.95
Armstrong, H. E.	1,000.00	690.92	Jones, W. F.	1,400.00	270.00
Babson, S. C.	300.00	204.90	Johnson, W. L.	1,400.00	634.90
Bailey, A. L.	1,241.67	359.25	Johnston, C. A.	450.00	218.90
Ball, H. M.	1,250.00	254.90	Kampschmidt, F. L.	600.00	214.44
Behler, C. R.	1,241.67	483.40	Kershner, P. I.	1,500.00	258.63
Best, George	150.00	203.25	Ketchum, F. D.		16.55
Bibb, A. H.	416.66	164.70	Kierman, J. A.	750.00	560.45
Bibb, A. G.	150.00	132.06	Lantz, M. S.	1,500.00	199.50
Blanche, R. J.	625.00	217.90	Lawson, J. M.	375.00	336.40
Bond, G. A.		16.50	Lawton, R. G.	1,500.00	284.96
Brewer, F. W.	116.67	.....	Leyser, J. C.	385.00	489.05
Broadhurst, R. A.	187.50	41.25	Lipp, G. A.		51.65
Brown, C. A.	1,000.00	328.49	Livers, R. C.	120.00	220.95
Brown, V. L.	120.00	5.30	Lowe, C. D.	90.00	164.25
Browning, G. W.	233.34	71.38	Lowe, J. H.		9.20
Bundy, E. A.	725.00	494.70	Lowry, T. J.	916.67	509.15
Butler, W. J.	1,066.67	617.30	Lytle, W. H.	960.00	370.00
Burrows, W. E.	172.67	66.25	McBirney, John	1,484.46	498.70
Cady, B. J.	300.00	67.50	McCall, C. A.	116.66	21.00
Campbell, Colin	1,000.00	674.70	McClure, S. W.	1,241.67	508.20
Campbell, C. E.	233.34	236.27	McDonald, H. L.	958.34	629.65
Cary, E. J.		68.35	MacKellar, Wm. M.	1,283.33	230.20
Casper, G. T.	250.00	167.35	McNally, H. R.	1,400.00	367.50
Clarke, Lowell	1,600.00	385.50	Marker, George	225.00	137.38
Cooley, F. C.	1,000.00	395.25	Massie, J. C.	263.89	222.35
Cosford, S. E.	750.00	53.25	Merrill, Jay	1,000.00	720.30
Coulter, C. M.	300.00	213.95	Merrill, R. G.	75.00	7.75
Covington, P. C.	180.00	80.85	Metsker, Louis	1,600.00	182.40
Cummins, W. M.	1,198.50	366.16	Miller, A. W.	1,283.34	174.99
Creech, G. T.	210.00	219.75	Morrissey, L. W.	780.00	707.75
Day, W. E.	1,408.33	835.55	Murray, F. E.	1,408.33	437.15
Deming, C. W.	1,408.33	179.70	Nelson, J. I.	450.00	410.48
Dauncey, F. C.	172.67	86.85	Newman, R. R.	310.33	414.45
De Laney, J. V.	625.00	448.29	Newlove, H. S.	510.00	.....
Dennis, W. R.	1,000.00	360.15	Newton, H. L.	525.00	.....
Dill, Robert	300.00	192.10	Noyes, O. W.	1,216.67	628.05
Dishong, G. M.	140.00	.....	Nutting, L. A.	1,341.67	544.40
Drake, R. N.	1,500.00	388.25	O'Connor, J. P.	1,241.67	891.15
Durham, Leon	150.00	157.47	O'Leary, J. P.	1,500.00	3.07
Eells, F. C.	125.00	.....	O'Rourke, I. W.	1,412.51	281.65
Emery, James A.		75.85	Oren, J. C.	183.33	185.20
Exline, J. C.	1,031.67	679.90	Overton, F. C.	136.00	187.42
Fish, J. G.		88.25	Parker, Frank	300.00	164.50
Fleming, W. R.	1,500.00	360.15	Parker, J. W.	1,250.00	303.00
Foreman, E. J.	562.50	86.00	Payne, A. J.	1,600.00	505.70
Gallagher, J. J.	800.00	573.55	Petty, F. O.	1,000.00	600.75
Gilbert, N. O.	56.67	57.25	Pflaegay, W. F.	1,000.00	339.70
Gillett, S. D.	1,000.00	641.47	Pinkerton, H. E.	300.00	186.15
Gilmore, Elias	840.00	13.25	Pistor, A. J.	1,458.34	167.46
Glynn, F. J.		42.00	Proudfoot, Wm.	250.00	293.04
Graham, Ralph	300.00	257.85	Quirk, M. J.	150.00	203.60
Hamilton, Wm.	1,116.67	524.30	Ramsay, R. A.	500.00	357.25
Hammond, H. J.	1,500.00	278.95	Rawlings, W. J.	225.00	148.05
Hanawalt, D. C.	1,500.00	423.85	Redmond, Thomas	916.67	214.75
Hancock, H. J.	1,408.33	275.50	Rich, T. S.	1,400.00	262.00
Harmon, A. A.	500.00	278.82	Richards, I.	1,000.00	618.95
Harrington, D. W.	1,126.67	423.55	Richmond, X. I.	583.33	220.70
Harrison, R. H.		10.28	Robinson, C. H.	920.84	422.85
Hart, A. C.	116.66	60.50	Robinson, G. H.	925.00	869.01
Hascall, M. T.	250.00	48.50	Rork, C. F.	1,000.00	890.40
Haskett, Bert	225.00	144.46	Rowe, H. M.	929.17	161.70
Hayes, J. J.	625.00	333.10	Sargent, L. E.	250.00	40.35
Hicks, H. H.	1,175.00	475.42	Schafer, C. K.	250.00	227.00
Heacock, C. C.	500.00	210.25	Schneider, F. L.	973.33	391.50
Henderson, L. C.	1,216.67	149.50	Schumacher, Wil.	1,241.67	474.75
Herbert, C. M.	420.00	15.00	Siegmund, Wm. C.		14.00
Hickox, G. S.	1,600.00	706.46	Siggins, E. L.	1,125.00	231.15
Hodges, D. R.	1,000.00	56.25	Simons, A. L.	375.00	281.75
Holcombe, A. A.	1,600.00	348.25	Simpson, J. M.	1,283.33	611.20
Hood, H. B.	300.00	152.26	Skinner, W. A.	1,200.00	685.70
Hougendobler, J. J.	350.00	37.95	Sloan, J. A.	116.66	9.70

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ERADICATION OF SCABIES IN SHEEP—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Smith, E. M.	\$875.00	\$467.27	Transportation—Continued.		
Smith, N. B.	1,500.00	431.05	Chicago and Northwest- ern Rwy. Co.—Cont'd.		
Snyder, Rudolph.	100.00	11.25	J. I. Nelson	\$34.10	
Songer, L. C.	1,216.67	701.10	Wm. Proudfoot	42.50	
Speake, E. O.	1,000.00	475.95	R. Broadhurst	42.50	
Spindler, E. S.	850.00	754.00	Chicago, Rock Island and Pacific Rwy. Co.—		
Stout, E. N.	1,283.34	297.50	C. D. Lowe	30.00	
Totten, G. E.	1,500.00	339.90	N. O. Gilbert	17.00	
Townsend, N. L.	1,187.50	105.00	Colorado and Southern		
Traum, Jacob	200.00	195.85	R. R. Co.—		
Treacy, R. H.	250.00	79.50	R. A. Ramsay	10.70	
Upton, W. L.	404.17	272.75	Do	4.10	
Valentine, S. I.	70.00	77.05	Denver and Rio Grande		
Van Allstyne, W. C.	170.00	158.95	R. R. Co.—		
Verry, C. E.	189.00	107.25	F. C. Dauncey	18.00	
Wager, G. E.	420.00		N. R. Adams	18.00	
Warner, D. E.	360.00		S. I. Valentine	29.45	
Washburn, F. R.	105.00	70.95	W. L. Upton	18.00	
Webster, J. H.	360.00		Theo. White	15.00	
West, Laomer.	1,224.99	249.20	E. L. Siggins	18.00	
White, Thomas.	125.00	76.00	Wm. Hamilton	18.00	
Woolen, D. M.	300.00	126.00	C. A. Brown	21.35	
Worcester, W. W.	625.00	285.25	Rud. Snyder	12.10	
Young, C. J.	383.33	184.45	J. Traum	12.10	
Zink, C. H.	1,600.00	429.85	Great Northern Rwy. Co.,		
Transportation:			J. H. Lowe	6.98	
Atchison, Topeka and Santa Fe Rwy. Co.—			Louisville and Nashville		
W. S. Pidcock		29.50	R. R. Co., G. W. Brown-		
E. L. Siggins		29.50	ing	17.50	
L. C. Songer		17.00	Missouri Pacific Rwy. Co.,		
George Markert		18.65	George Markert	37.80	
Bert Haskett		18.65	Oregon Railroad and		
B. J. Cady		29.10	Navigation Co., D. W.		
J. Traum		29.50	Harrington	5.20	
George Best		29.50	Oregon Short Line—		
G. A. Lipp		30.50	A. G. Bibb	18.00	
C. K. Schäfer		24.45	J. J. Gallagher	5.30	
Bert Haskett		10.00	Pennsylvania R. R. Co.—		
M. J. Quirk		29.50	R. A. Ramsay	17.50	
Rud. Snyder		17.00	James A. Emery	37.90	
Baltimore and Ohio R. R.			Southern Rwy. Co., B. J.		
Co., R. A. Ramsay		17.00	Cady	8.00	
Chicago and Alton R. R.			Texas Pacific Rwy. Co.—		
Co.—			Bert Haskett	18.40	
Ralph Graham		37.80	V. L. Brown	28.40	
G. T. Casper		37.80	Union Pacific R. R. Co.—		
Chicago, Burlington and			H. J. Hoymann	18.00	
Quincy Rwy. Co.—			J. V. De Laney	5.11	
J. M. Lawson		30.00	C. A. Brown	15.70	
H. E. Pinkerton		30.00	E. A. Bundy	30.00	
Robert Dill		30.00	W. L. Upton	30.00	
S. C. Babson		30.00	J. J. Gallagher	30.00	
H. B. Hood		30.00	R. J. Archer	30.00	
R. M. Allen		29.10	Wabash Rwy. Co.—		
D. M. Woolen		30.00	H. S. Newlove	37.80	
Chicago, Milwaukee and			B. J. Cady	7.50	
St. Paul Rwy. Co.—			J. J. Hougenobler	37.80	
R. A. Ramsay		11.50	P. C. Covington	37.80	
Do		7.86	J. H. Lowe	16.00	
Chicago and Northwest-			Oregon Short Line, H. A.		
ern Rwy. Co.—			Alcorn	20.50	
J. C. Massie		30.40	Union Pacific R. R. Co.,		
R. A. Ramsay		12.70	F. C. Overton	6.25	
H. H. Hicks		42.50			

Total: Salary, \$127,860.07; travel, \$51,196.77.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ERADICATION OF SCABIES IN SHEEP—Continued.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Bausch & Lomb Optical Co.	Sand glasses.	\$12.60
Rudolph & West Co.	Tubes, rods, brass.	2.46
E. H. Catlin & Co.	Thermometer cases.	2.50
W. A. Ross.	Nickel plating thermometer cases.	5.00
Bausch & Lomb Optical Co.	Triplet lenses.	7.25
Orr & Lockett.	Thermometers.	1.00
Rand, McNally & Co.	Pocket maps.	5.00
Z. D. Gilman.	Dipping thermometers.	49.38
Bausch & Lomb Optical Co.	Aplanatic lenses.	8.75
C. A. Brown.	Services of saddle horse.	25.00
Do.	do.	25.00
Jas. Leonard.	Rent.	30.00
Do.	do.	30.00
Do.	do.	30.00
Colorado Telephone Co.	Telephone.	15.00
Jas. Leonard.	Rent.	30.00
Do.	do.	30.00
Do.	do.	30.00
Colorado Telephone Co.	Telephone.	15.00
Jas. Leonard.	Rent.	30.00
Do.	do.	30.00
Burnett & Myers.	Telephone.	30.00
Colorado Telephone Co.	Rent.	15.00
Burnett & Myers.	Telephone.	30.00
Colorado Telephone Co.	Rent.	5.00
Burnett & Myers.	Telephone.	30.00
Colorado Telephone Co.	Rent.	4.00
Burnett & Myers.	Telephone.	30.00
Colorado Telephone Co.	Rent.	4.00
L. C. Henderson.	Service of saddle horse.	15.00
Do.	do.	15.00
Do.	do.	15.00
Auerbach & Bro.	Rent.	30.00
Do.	do.	30.00
Do.	do.	30.00
Rocky Mountain Bell Telephone Co.	Telephone.	19.50
American Linen Supply Co.	Laundry, soap.	3.00
Auerbach & Bro.	Rent.	30.00
Do.	do.	30.00
Do.	do.	30.00
Rocky Mountain Bell Telephone Co.	Telephone.	19.50
American Linen Supply Co.	Laundry.	3.00
Auerbach & Bro.	Rent.	30.00
Do.	do.	30.00
Rocky Mountain Bell Telephone Co.	Telephone.	19.50
Auerbach & Bro.	Rent.	30.00
American Linen Supply Co.	Laundry, soap.	3.00
Auerbach & Bro.	Rent.	30.00
Do.	do.	22.50
Do.	do.	22.50
Rocky Mountain Bell Telephone Co.	Telephone.	19.50
American Linen Supply Co.	Laundry, soap.	3.00
A. A. Holcombe.	Rent and telephone.	6.95
Do.	do.	6.50
Do.	do.	7.25
Do.	do.	6.50
Do.	Rent, telephone, and window shades.	7.00
Do.	Rent, telephone, and janitor.	7.40
Do.	Rent and telephone.	6.50
Do.	do.	6.50
Do.	do.	6.50
H. R. McNally.	Service of saddle horse.	30.00
Do.	do.	30.00
Do.	do.	30.00
R. G. Merrill.	Service of horse and buggy.	30.00
E. G. Garcia, agent.	Rent.	84.00
Louis Metsker.	Telephone, laundry.	18.87
E. G. Garcia, agent.	Rent.	84.00
Louis Metsker.	Telephone, etc.	31.80
Do.	do.	13.11
E. G. Garcia, agent.	Rent.	84.00
Do.	do.	84.00
Louis Metsker.	Telephone.	21.53

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

ERADICATION OF SCABIES IN SHEEP—Continued.

Name.	Article.	Amount.
A. W. Miller.....	Service of horse and buggy.....	\$30.00
Do.....	do.....	30.00
W. J. Rawlings.....	Service of saddle horse.....	20.00
Do.....	do.....	20.00
Do.....	do.....	20.00
N. L. Townsend.....	Service of horse and buggy.....	25.00
Do.....	do.....	25.00
Total.....		2,291.35

EXPERIMENT STATION, BETHESDA, MD.

Name.	Salary.	Name.	Salary.
Bannett, J. M.....	\$52.00	Poore, W. R.....	\$720.00
Brett, G. W.....	1,200.00	Pugh, W. T.....	665.00
Caywood, E. V.....	540.00	Pyles, W. H.....	440.00
Coleman, G. F.....	540.00	Richards, J.....	500.00
Cotton, W. E.....	1,600.00	Samuel, J.....	480.00
Darr, Henry.....	420.00	Schroeder, E. C.....	1,747.23
Drummonds, W. H.....	360.00	Seek, R. E.....	720.00
Gingell, C. E.....	545.00	Shipley, J. W.....	720.00
Gingell, W. E.....	190.00	Stadtler, G. M.....	660.00
Henderson, H.....	540.00	Trice, Taylor.....	720.00
Holmes, A.....	420.00	Thomas, C. M.....	274.00
Lancaster, F.....	420.00	Voigt, A.....	600.00
Leftwich, J.....	420.00	Voigt, F.....	720.00
Lynch, W. W.....	470.67	Woodland, R.....	420.00
Mathews, F.....	540.00	Total.....	19,023.90
Moxley, J. A.....	720.00		
Myers, H. B.....	660.00		

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
W. M. Galt & Co.....	Hay, straw, and bran.....	\$549.00
Do.....	Bran, meal.....	134.00
G. W. Cook & Co.....	Repairs to buggy.....	28.50
P. Mann & Co.....	Buckeye pump.....	8.25
Rudolph & West Co.....	Wire fly screen.....	4.25
L. G. Orndorf.....	Collar pads.....	2.50
T. Somerville & Sons.....	Offset rod valves.....	7.95
F. W. Bolgiano & Co.....	Seeds.....	8.50
Rudolph & West Co.....	Round iron.....	.99
Do.....	Grates, bricks.....	3.53
Walworth Manufacturing Co.....	Pipe rollers.....	4.80
P. H. Heiskell, jr., & Co.....	Seeds.....	2.25
C. H. Johnson.....	Smoke pipe.....	28.00
Biggs Heating Co.....	Gaskets.....	2.00
Hugh Reilly.....	Glass.....	8.74
Lutz & Co.....	Checkrein.....	2.00
W. M. Galt & Co.....	Meal, bran, rock salt.....	153.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

EXPERIMENT STATION, BETHESDA, MD.—Continued.

Name.	Article.	Amount.
Alex. St. John.....	Repairs to stoves.....	\$2.50
Frank Miller.....	Varnish.....	2.45
Rudolph & West Co.	Twist drills.....	.60
Do.....	Brass spring catches.....	1.50
Do.....	Doorstops.....	5.40
Do.....	Brass card clips.....	5.72
Do.....	Cast-iron stove.....	8.30
Z. D. Gilman.....	Thermometer.....	4.50
Library Bureau.....	Cards.....	2.25
Southern Electric Co.....	Plugs.....	1.50
W. H. Coon.....	Repairs.....	14.00
W. M. Galt & Co.....	Oats, wheat, straw.....	578.75
Lewis Keiser.....	Chickens.....	7.00
T. Somerville & Sons	Flange union.....	.31
Do.....	Hardware.....	29.71
Southern Electric Co.....	Solder.....	.78
P. H. Heiskell, jr., & Co.....	Repairs to plow.....	1.20
Dulin & Martin.....	Mirrors.....	2.50
W. M. Galt & Co.....	Hay.....	845.00
T. Somerville & Sons.....	Tank plunger.....	2.00
E. Morrison Paper Co.....	Manila cards.....	1.75
M. Du Perow.....	Electric supplies.....	.87
Rudolph & West Co.....	Screws and hooks.....	5.32
Bausch & Lomb Optical Co.....	Potassium iodide.....	2.84
D. N. Walford.....	Cartridges.....	2.00
Hugh Reilly.....	Putty.....	.60
W. M. Galt & Co.	Bran, corn meal, oats, and corn.....	786.00
Do.....	do.....	489.00
Do.....	Wheat straw.....	308.33
A. H. Thomas Co.....	Bell jar and xylol.....	1.90
Keasbey & Mattison Co.....	Cement.....	27.97
Church & Stephenson.....	Lumber.....	75.50
L. L. Green.....	Cattle.....	60.00
W. M. Galt & Co.....	Wheat straw.....	60.00
J. L. Crupper.....	Crown molding.....	2.00
J. B. Lambie Co. (Incorporated).....	Iron shovels.....	.88
The Allegheny Co.....	Coal.....	568.95
Hugh Reilly.....	Glass.....	6.00
Rudolph & West Co.....	Handles.....	1.20
Lewis Keiser.....	Boar and sow.....	45.00
Hugh Reilly.....	Gold bronze.....	1.20
Standard Oil Co.....	Oil.....	5.46
J. B. Lambie Co. (Incorporated).....	Razor hone.....	1.50
T. Somerville & Sons.....	Plumbers' supplies.....	23.45
Hugh Reilly.....	Paint.....	9.20
M. Du Perow	Silk cord.....	3.75
Do.....	Snap switches.....	.48
Hugh Reilly.....	Glass.....	2.88
Rudolph & West Co.	Screws.....	.87
Do.....	Screw-drivers.....	3.98
Do.....	Brass spring catches.....	3.00
Bausch & Lomb Optical Co.	Carbolic acid.....	15.35
Do.....	Chemicals.....	6.88
W. M. Galt & Co.....	Bran, corn meal, oats.....	813.00
Hugh Reilly	Varnish.....	.84
Do.....	Glass, asbestos.....	8.16
Do.....	Asbestine.....	10.00
J. B. Lambie Co. (Incorporated).....	Chisels.....	1.08
Z. D. Gilman.....	Porcelain tubes.....	2.90
Mackall Bros.....	Gelatin capsules.....	1.00
Rudolph & West Co.	Cotton.....	2.00
Do.....	Labels.....	9.00
Do.....	Locks.....	2.00
Do.....	Wire brush.....	1.55
Do.....	Saw blades.....	1.10
Do.....	Stepladders.....	3.50
Bausch & Lomb Optical Co.....	Potassium iodide.....	5.68
W. M. Galt & Co.....	Wheat bran, corn meal.....	133.00
G. F. Muth & Co.	Oil.....	3.75
Do.....	Cotton waste.....	9.50
Mackall Bros.....	Rubber tube.....	3.15
Do.....	Borax.....	1.80
G. F. Muth & Co.	Japan dryer.....	1.50
Do.....	Turpentine.....	6.60
Do.....	Flat fitches.....	1.84
M. Du Perow.....	Repairs to electric incubator.....	1.60
Louis Hartig.....	Hinges.....	1.30
Woodward & Lothrop.....	Baskets.....	2.70
W. M. Galt & Co.....	Bran, corn meal, oats.....	423.00
Z. D. Gilman.....	Thermometers.....	4.50

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

EXPERIMENT STATION, BETHESDA, MD.—Continued.

Name.	Article.	Amount.
Rudolph & West Co.	Rules.	\$1.92
Do.	Gasoline blast furnace.	11.00
Standard Oil Co.	Kerosene.	5.57
Forker & Baldwin.	Ensign.	3.65
Bausch & Lomb Optical Co.	Mercuric chloride.	9.90
W. M. Galt & Co.	Wheat.	115.00
Do.	Bran, corn meal.	535.00
Lutz & Co.	Bridle and checkrein.	5.00
F. W. Bolgiano & Co.	Moldboards.	5.05
Church & Stephenson	Lumber.	161.45
P. Mann & Co.	Traces.	2.00
W. M. Galt & Co.	Wheat straw.	150.00
F. W. Bolgiano & Co.	Barbed wire.	14.30
Lutz & Co.	Collar pads.	2.50
Hugh Reilly.	Glass.	33.05
E. Morrison Paper Co.	Ink and tags.	1.75
National Mortar Co.	Cement.	17.50
W. M. Galt & Co.	Corn, etc.	599.00
Lutz & Co.	Reins.	5.00
L. G. Orndorf.	Thimble for wagon.	1.25
F. W. Bolgiano & Co.	Plowshares.	5.25
Do.	Hoes.	11.10
Do.	Barbed wire.	13.89
Do.	Paris green and plaster.	6.25
Lansburgh & Bro.	Millinet.	1.45
E. G. Schafer & Co.	Plumbers' supplies.	4.98
Francis Miller.	Linseed oil.	21.16
Clarke & Davenport	Rubber mat.	1.44
Lutz & Co.	Axle grease.	1.20
T. E. Young.	Dayton wagon.	60.00
Lutz & Co.	Fly nets.	8.50
E. S. Schmidt.	Mice and rats.	6.00
F. W. Bolgiano & Co.	Alfalfa seed.	9.00
P. H. Heiskell, jr., & Co.	Lime.	8.00
Standard Oil Co.	Gasoline.	.85
National Mortar Co.	Cement.	43.75
Sam Bensinger.	Horse.	237.50
Woodward & Lothrop.	Glasses.	1.38
Whitall Tatum Co.	Asbestos board.	2.75
Church & Stephenson.	Lumber.	370.50
Do.	do.	169.00
Lindsay Rubber Manufacturing Co.	Flag hose.	19.00
National Electric Supply Co.	Galvanized iron wire.	27.79
Whitall Tatum Co.	Corks.	3.46
J. B. Lambie Co. (Incorporated)	Shovels.	21.84
Do.	Hooks and eyes.	6.84
F. W. Bolgiano & Co.	Harness.	46.50
T. R. Riley.	Doors and frames.	33.75
T. W. Smith.	Frames and sash.	18.00
Lutz & Co.	Bridle and whip.	8.00
F. W. Bolgiano & Co.	Scythe snaths.	3.60
J. B. Lambie Co. (Incorporated)	Steam packing.	1.50
Rudolph & West Co.	Metric rules.	3.56
Do.	Scythe blades.	6.60
Do.	Tie chains for cattle.	15.00
Do.	Axle grease and rivets.	1.58
Do.	Sickles and scythe stems.	3.00
Z. D. Gilman.	Trocas and canula.	2.75
Do.	Thermometers.	4.50
Do.	Corks.	5.00
Remington Typewriter Co.	Repairs to typewriter.	6.25
Bausch & Lomb Optical Co.	Laboratory supplies.	10.20
Do.	do.	31.95
Do.	do.	4.34
Mackall Bros.	Chloroform.	4.30
Do.	Drug sundries.	8.97
P. Gray & Sons.	Dash lanterns.	3.50
G. F. Muth & Co.	Lead, turpentine.	37.23
Rudolph & West Co.	Oil cans.	1.50
Do.	Nails, drills, saws.	42.33
Do.	Tacks, screws.	18.20
Do.	Axes, galvanized-iron buckets.	9.76
Do.	Building paper.	10.00
Do.	Razors, wire net.	22.20
Z. D. Gilman.	Rubber cylinders.	1.80
A. H. Thomas Co.	Blast lamp.	13.78
Eisenger Bros.	Doors.	20.00
Z. D. Gilman.	Thermometers.	13.50
Keasbey & Mattison Co.	Covering boilers.	14.50
Mackall Bros.	Filters.	3.07

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

EXPERIMENT STATION, BETHESDA, MD.—Continued.

Name.	Article.	Amount.
L. L. Lochte.....	Shoeing horses.....	\$12.75
Do.....	.....do.....	4.75
E. C. Schroeder.....	Laundry.....	14.95
Lewis Keiser.....	Hogs.....	96.00
L. L. Lochte.....	Shoeing horses.....	12.75
E. C. Schroeder.....	Laundry.....	5.15
L. L. Lochte.....	Shoeing horses, repairs to wagon.....	10.50
Lewis Keiser.....	Hogs.....	104.00
Do.....	.....do.....	100.00
E. C. Schroeder.....	Laundry.....	3.80
Chesapeake & Potomac Telephone Co.....	Moving telephone.....	11.95
L. L. Lochte.....	Shoeing horses.....	7.12
E. C. Schroeder.....	Laundry.....	3.57
L. L. Lochte.....	Shoeing horses.....	12.75
Lewis Keiser.....	Hogs.....	100.00
L. L. Lochte.....	Shoeing horses.....	13.05
E. C. Schroeder.....	Laundry.....	6.52
L. L. Lochte.....	Shoeing horses.....	13.45
Do.....	.....do.....	11.50
E. C. Schroeder.....	Laundry.....	6.07
L. L. Lochte.....	Shoeing horses.....	8.25
E. C. Schroeder.....	Laundry.....	5.93
Lewis Keiser.....	Hogs.....	100.00
E. C. Schroeder.....	Laundry.....	7.53
L. L. Lochte.....	Shoeing horses.....	11.25
Lewis Keiser.....	Hogs.....	196.00
R. C. Auto and Wagon Co.....	Repairs to buggy top.....	5.00
E. S. Schmidt.....	Prepared feed.....	14.00
E. C. Schroeder.....	Laundry.....	8.16
L. L. Lochte.....	Shoeing horses.....	10.50
Do.....	Repairs to wagon, carts.....	15.75
Total.....		10,550.88

HOG CHOLERA INVESTIGATIONS.

Name.	Salaries.	Travel.
Copeland, Jas.....	\$684.00	.....
Hambleton, G. H.....	146.00	.....
McBryde, C. N.....		\$228.87
Niles, W. B.....	1,600.00	118.53
Transportation:		
Chesapeake and Ohio R. R. Co., C. N. McBryde.....		26.80
Chicago and Northwestern Rwy. Co., C. N. McBryde.....		27.30
Chicago, Rock Island and Pacific Rwy. Co., C. N. McBryde.....		4.99

Total: Salary, \$2,430; travel, \$406.49.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
N. L. Niles.....	Pigs.....	\$40.00
Fred Munn.....	Lumber.....	45.01
Frank Fowler.....	Corn.....	48.06
Horton & Steigerwalt.....	Autopsy and supplies.....	14.59
F. L. Carpenter.....	Pigs.....	24.00
Frank Fowler.....	Feed.....	43.62
J. A. Bateman.....	Pigs.....	32.50
Do.....	.....do.....	48.00
I. O. Brown.....	.....do.....	20.00
I. H. Craig.....	.....do.....	30.00
Mrs. R. Sheehey.....	.....do.....	45.00
D. B. Hill.....	Rent.....	75.00
Boone County Telephone Co.....	Telephone.....	3.00
Fred Munn.....	Lumber.....	46.67
G. H. Hambleton.....	Pigs.....	20.00
Frank Fowler.....	Corn, wheat.....	48.99
T. E. Manhart.....	Pigs.....	40.00
J. W. Ogle.....	.....do.....	49.92
F. Carpenter.....	.....do.....	30.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

HOG CHOLERA INVESTIGATIONS—Continued.

Name.	Article.	Amount.
J. W. Ogle.....	Pigs.....	\$49.80
Frank Fowler.....	Corn.....	49.70
L. M. Bosworth.....	Kerosene, alcohol, cotton.....	14.70
S. B. Mills.....	Pigs.....	42.00
Frank Fowler.....	Corn.....	49.80
Boone County Telephone Co.....	Telephone.....	3.00
D. B. Hill.....	Rent.....	75.00
H. C. Davis.....	Corn.....	62.08
W. B. Niles.....	Cordwood.....	12.70
Frank Fowler.....	Corn.....	49.71
F. L. Carpenter.....	Pigs.....	24.50
D. B. Hill.....	Rent.....	75.00
F. L. Carpenter.....	Pigs.....	12.00
W. B. Niles.....	Straw.....	18.30
Frank Fowler.....	Corn.....	46.60
Boone County Telephone Co.....	Telephone.....	3.00
G. W. O'Brien.....	Wire fence.....	10.00
F. L. Carpenter.....	Pigs.....	30.00
Frank Fowler.....	Corn.....	49.60
Alonzo Britten.....	Pigs.....	17.50
Guy Dodds.....	do.....	49.84
G. W. O'Brien.....	Wire fence.....	12.00
Frank Fowler.....	Corn.....	48.30
Oscar Johnson.....	Pigs.....	47.45
Do.....	do.....	43.80
R. W. Markley.....	Telephone.....	45.50
Boone County Telephone Co.....	Rent.....	3.00
D. B. Hill.....	Corn.....	75.00
Frank Fowler.....	Corn.....	36.90
Total.....		1,761.14

INSPECTION OF EXPORTED CATTLE.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Ainsworth, F. W.....	\$1,500.00		Messemmer, Geo.....	\$900.00	
Baldwin, W. A.....	150.00		Miller, Abel.....	1,000.00	
Ball, Isaac L.....	1,200.00		Mullowney, P. H.....	1,375.00	\$3.50
Bennett, Wm.....	720.00		Murray, M. M.....	60.00	
Best, George.....	150.00		Pagle, C. W., jr.....	450.00	
Bird, W. N. D.....	366.67	\$20.27	Quirk, M. J.....	225.00	
Blondell, J. E.....	60.00		Richardson, A. G. G.....		29.10
Bollinger, H. L.....	900.00		Rieman, J. J.....	120.00	
Brister, H.....	1,500.00		Robinson, L. A.....	250.00	
Bullard, L. L.....	720.00		Rose, W. H.....	2,250.00	
Burch, S. R.....	1,000.00		Ryder, H. R.....	125.00	
Burleigh, F. H.....	720.00		Ryder, J. F.....	2,000.00	1.20
Carter, George.....	1,200.00		Schumacher, G. E.....	900.00	
Castor, Thomas.....	125.00		Sergeant, F. W.....	630.00	
Coyle, Thomas.....	1,400.00		Sharp, Guy.....	75.00	
Cramer, C. F.....	75.00		Shipley, T. A.....		1.08
Durfee, C. O.....	116.67		Small, C. K.....	1,200.00	
Eisenreich, Charles.....	60.00		Stoner, W. E.....	900.00	
Faville, George C.....	1,600.00		Sullivan, W. J.....	900.00	
Flannery, James.....	1,200.00		Thompson, H. Q.....	500.00	
Fleming, James.....	250.00		Volgenau, E. L.....	250.00	
Foley, Wm.....	1,000.00		Wager, G. E.....	180.00	
Gjertson, A. G.....	60.00		Walsh, Richard.....	540.00	
Griffin, P. H.....	180.00		Watson, Arda.....	600.00	
Hattery, M.....	180.00		Wende, B. P.....	400.00	
Hedrick, H. A.....	1,600.00	8.45	Wolf, Max.....	166.66	
Hendren, S. G.....	1,500.00		Wray, W. H.....	4,562.50	57.59
Hersey, W. H.....	600.00		Transportation:		
Holland, Jere.....	675.00		Boston and Maine R. R.		
Howard, De L.....	225.00		Co., P. H. Mullowney.....		2.50
Howes, Benj.....	250.00		Chicago, New Orleans and		
Hoyle, A. H.....	1,000.00		Texas Pacific Rwy. Co.,		
Huntington, F. W.....	1,400.00		A. G. G. Richardson.....		21.00
Hutchinson, C. B.....	75.00		New Orleans and North-		
Johnston, Jas.....	1,650.00	11.75	eastern R. R. Co.,		
Kelly, J. F.....	225.00		A. G. G. Richardson.....		21.00
McEnaney, J. P.....	1,200.00				

Total: Salary, \$47,392.50; travel, \$177.44.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INSPECTION OF EXPORTED CATTLE—Continued.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Rawlins Implement Co.	Laborers, pump, etc.	\$9.50
N. Rufus Gill.	Rent.	31.25
H. A. Hedrick.	Laundry, ice.	11.20
Maryland Telegraph and Telephone Co.	Telephone.	12.00
Chesapeake and Potomac Telephone Co.	do.	12.00
N. Rufus Gill.	Rent.	31.25
Maryland Telegraph and Telephone Co.	Telephone.	12.00
Chesapeake and Potomac Telephone Co.	do.	12.00
H. A. Hedrick.	Service of janitor.	7.25
Maryland Telegraph and Telephone Co.	Telephone.	12.00
Chesapeake and Potomac Telephone Co.	do.	12.00
H. A. Hedrick.	Stamps, ink, etc.	8.00
N. Rufus Gill.	Rent.	31.25
Do.	do.	31.25
Maryland Telegraph and Telephone Co.	Telephone.	12.00
H. A. Hedrick.	Stamps, ink, etc.	9.30
Grand Trunk Rwy. system.	Rent.	37.50
New England Telephone Co.	Telephone.	12.50
Grand Trunk Rwy. system.	Rent.	37.50
New England Telephone Co.	Telephone.	12.50
F. W. Huntington.	Stamps.	2.00
Grand Trunk Rwy. system.	Rent.	37.50
New England Telephone Co.	Telephone.	12.50
Grand Trunk Rwy. system.	Rent.	37.50
New England Telephone Co.	Telephone.	12.50
F. W. Huntington.	Stamps.	1.00
W. H. Rose et al.	Car fare, laundry.	10.72
Do.	do.	15.87
Estate of I. P. Hunnewell.	Rent.	125.00
New York Telephone Co.	Telephone.	25.90
Weehawken Stock Yards Co.	do.	9.30
New York and New Jersey Telephone Co.	do.	11.20
W. H. Rose.	Car fare and laundry.	11.17
Do.	do.	11.92
Do.	do.	8.17
Estate of I. P. Hunnewell.	Rent.	125.00
W. H. Rose.	Car fare and laundry.	10.67
New York and New Jersey Telephone Co.	Telephone.	10.20
Weehawken Stock Yards Co.	do.	9.75
New York Telephone Co.	do.	21.65
W. H. Rose.	Stamps, etc.	17.27
Do.	Ink.	10.22
Estate of I. P. Hunnewell.	Rent.	125.00
W. H. Rose.	Laundry and car fare.	11.42
New York and New Jersey Telephone Co.	Telephone.	11.00
Weehawken Stock Yards Co.	do.	8.40
New York Telephone Co.	do.	21.05
W. H. Rose.	Laundry, etc.	9.72
Do.	do.	12.07
Estate of I. P. Hunnewell.	Rent.	125.00
W. H. Rose.	Car fare and laundry.	8.67
New York and New Jersey Telephone Co.	Telephone.	10.80
Weehawken Stock Yards Co.	do.	3.90
New York Telephone Co.	do.	18.10
B. P. Wende.	Service of horse and buggy.	30.00
Do.	do.	30.00
East Buffalo Live Stock Exchange Co.	Rent.	90.00
B. P. Wende.	Service of horse and buggy.	30.00
Fowler Manufacturing Co.	Laundry.	5.09
B. P. Wende.	Car fare.	10.80
Do.	Ink, etc.	4.36
W. H. Wray.	Postage.	2.49
Do.	do.	3.15
Do.	do.	3.82
Do.	Telephone.	8.84
Do.	Postage.	2.98
Do.	do.	2.90
Do.	Telephone.	8.20
Do.	Postage.	3.06
Do.	do.	3.52
Do.	do.	3.84
Do.	do.	3.11
Do.	do.	4.53
Do.	Telephone.	8.20
Do.	Postage.	4.14
Do.	do.	3.69
Do.	do.	2.96
Do.	Telephone.	8.20

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INSPECTION OF EXPORTED CATTLE—Continued.

Name.	Article.	Amount.
T. F. Rogers, agent.....	Rent.....	52.50
G. C. Faville.....	Street-car fare and telephone.....	18.20
T. F. Rogers, agent.....	Rent.....	52.50
G. C. Faville.....	Telephone and car fare.....	13.20
Do.....	Telephone, car fare, and stamps.....	11.95
T. F. Rogers, agent.....	Rent.....	52.50
Do.....	do.....	52.50
G. C. Faville.....	Street-car fare, etc.....	13.60
Total.....		1,797.38

INSPECTION OF IMPORTED ANIMALS.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Bell, J. A.....	\$24.00	.....	Perry, F. M.....	\$1,224.99	\$163.80
Bird, W. N. D.....	125.00	\$17.97	Pope, G. W.....	1,600.00	141.49
Bray, Thomas A.....	1,600.00	324.10	Potter, H. T.....	237.00	51.05
Buckley, J. S.....	.....	18.60	Robinson, L. A.....	.....	17.12
Callahan, John.....	154.50	.....	Russell, F. L.....	880.00	440.30
Canfield, C. H.....	187.50	37.10	Russell, G. H.....	.....	12.70
Carnachan, T. W.....	.....	1.20	Ryder, H. R.....	125.00	27.74
Cordis, W. S.....	160.00	57.07	Ryder, J. F.....	.....	50.67
Cowie, Charles.....	1,408.00	176.86	Siegmund, Wm. C.....	.....	39.69
Cumming, D.....	765.00	.....	Steffen, M. R.....	300.00	29.75
Day, C. M.....	.....	16.29	Thompson, Wm.....	626.67	.....
Deadman, J. F.....	102.00	.....	Tuthill, H.....	50.00	.....
Ditewig, George.....	.....	22.90	Van Winkle, John.....	100.00	.....
Durfee, C. O.....	116.67	5.37	Volgenau, E. L.....	.....	5.99
Fling, Orlando.....	300.00	167.23	Wade, W. H.....	900.00	.....
Geddes, Tooei A.....	2,020.84	679.84	Ward, E. K.....	.....	9.70
Gill, Ed.....	900.00	.....	Ward, G. W.....	1,400.00	110.05
Green, L. K.....	.....	46.10	Wootton, W. C.....	1,050.00	9.59
Hickman, R. W.....	2,625.00	41.29	Transportation:		
Hinkson, R.....	840.00	.....	Cleveland, Cincinnati, Chi- ago and St. Louis Rwy.		
Howes, Benj.....	.....	60.38	Co., C. H. Canfield.....		21.00
Hume, H. F.....	720.00	.....	Pennsylvania R. R. Co.—		
Johnson, L. E.....	900.00	207.25	R. W. Hickman.....		10.00
Kay, J. B.....	900.00	.....	J. R. Mohler.....		6.00
Lavery, W. F.....	.....	12.67	Wm. Thompson.....		6.50
Mayne, H. D.....	1,200.00	226.48	R. W. Hickman.....		10.00
Mohler, J. R.....	.....	23.00	Vandalia R. R. Co., H.		
Morin, C. L.....	1,200.00	124.90	M. Edsall.....		19.25
Nörgaard, V. A.....	1,400.00	.....		
O'Leary, J. P.....	.....	16.12			

Total: Salary, \$26,142.17; travel, \$3,465.11.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Library Bureau.....	Cards.....	\$21.25
W. H. Hoeke.....	Desk.....	31.05
E. Morrison Paper Co.....	Carbon paper.....	1.20
F. S. Lincoln.....	Desk file.....	1.00
Remington Typewriter Co.....	2 swinging supports.....	8.00
W. H. Hoeke.....	Desk.....	31.05
Southern Printers' Supply Co.....	Brass circles.....	3.60
R. P. Andrews Paper Co.....	Thumb tacks.....	.64
Yawman & Erbe Manufacturing Co.....	Vertical sections.....	61.50
D. Frank Parker.....	Carbon paper.....	2.38
Lamb & Tilden.....	Dating stamps.....	1.50
J. Lansburgh Furniture and Carpet Co.....	Desk.....	36.00
The Emil Greiner Co.....	Thermometers.....	24.00
Lamb & Tilden.....	Dating stamp.....	.75
Monarch Typewriter Co.....	Typewriter.....	82.00
Library Bureau.....	Guides.....	21.75
W. B. Moses & Sons.....	Chairs.....	16.17
R. P. Andrews Paper Co.....	Numbering machine.....	3.70
Library Bureau.....	Cards.....	24.25

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INSPECTION OF IMPORTED ANIMALS—Continued.

Name.	Article.	Amount.
Z. D. Gilman.....	Syringes.....	\$19.75
J. S. Topham.....	Telescope case.....	2.50
Underwood Typewriter Co.....	Repairs to typewriter.....	8.80
Remington Typewriter Co.....	.....do.....	10.25
E. S. Newman.....	Repairs to adding machine.....	4.00
Forker & Baldwin.....	National ensign.....	3.65
W. B. Moses & Sons.....	Chair.....	5.39
Rudolph & West Co.....	Wire nails.....	2.48
Rand Paper Box Co.....	Filing cases.....	3.38
J. Lansburgh Furniture and Carpet Co.....	Desk.....	25.50
W. B. Moses & Sons.....	Chairs.....	10.78
N. M. Minnix.....	Telephone bracket.....	5.50
The Emil Greiner Co.....	Thermometers.....	14.00
Thomas A. Bray.....	Telephone and car fare.....	10.00
Do.....	.....do.....	5.75
Do.....	.....do.....	13.15
Do.....	.....do.....	16.85
Rawlins Implement Co.....	Repair to windmill.....	12.50
Otto Hakekorn.....	Carpenter work.....	12.50
Real Estate and Improvement Co.....	Rent.....	56.25
Do.....	.....do.....	56.25
Do.....	.....do.....	56.25
G. W. Pope.....	Kerosene, carbolic acid, etc.....	1.17
Do.....	Soda, oil.....	2.65
Do.....	Service of laborer.....	10.50
Do.....	.....do.....	21.00
New York and New Jersey Telephone Co.....	Freight, lime, kerosene.....	4.61
Chas. Hubinger.....	Telephone.....	32.15
G. W. Pope.....	Files, brooms, etc.....	19.81
Do.....	Services of laborer.....	42.00
Do.....	Services of plumber, horseshoeing.....	27.96
Do.....	Services of laborer.....	41.13
Do.....	Gasoline.....	17.27
Chas. Hubinger.....	Lumber.....	20.00
New York and New Jersey Telephone Co.....	Services of laborer.....	33.25
G. W. Pope.....	Gasoline.....	16.06
Do.....	Telephone.....	33.75
New York and New Jersey Telephone Co.....	Carbolic acid.....	14.85
G. W. Pope.....	Repairs to engine.....	9.70
Do.....	Telephone.....	31.35
New York and New Jersey Telephone Co.....	Paint, etc.....	14.15
Biddell & Bogart.....	Gasoline.....	18.00
Chas. Hubinger.....	Express.....	7.32
G. W. Pope.....	Repairs to engine.....	32.33
Jas. Beggs & Co.....	Services of laborer.....	7.00
G. W. Pope.....	Gasoline.....	12.25
Do.....	Paint and labor.....	17.22
Biddell & Bogart.....	Repairs and labor.....	68.85
J. Dummery.....	Gasoline.....	26.49
G. W. Pope.....	Services of laborer.....	49.00
Do.....	.....do.....	15.75
Do.....	Lime, repairs to roof.....	116.32
Jno. Post.....	Peat moss.....	14.00
New York and New Jersey Telephone Co.....	Telephone.....	22.85
Thacher & Ireland.....	Coal.....	7.02
H. J. Harwood.....	Rent.....	62.50
Do.....	.....do.....	62.50
Do.....	.....do.....	62.50
Church & Stephenson.....	Shingles.....	9.68
Rudolph & West Co.....	Nails.....	2.64
Biddell & Bogart.....	Paint, varnish.....	10.50
Total.....		1,745.35

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INSPECTION OF RENOVATED BUTTER.

Name.	Salary.	Travel.	Name.	Salary.	Travel.																																																																																																																																																																																				
Barrett, J. H.....	\$5.00	Transportation—Cont'd.																																																																																																																																																																																						
Clarke, M. H.....	75.00	Chicago, Milwaukee and																																																																																																																																																																																						
Douglass, Orin.....	95.00	St. Paul Rwy. Co.—																																																																																																																																																																																						
Lang, M. W.....	2,000.00	\$52.17	M. W. Lang.....	\$4.18																																																																																																																																																																																					
Levy, Wm.....	102.00	Do.....	4.18																																																																																																																																																																																					
McAdam, Robert.....	1,500.00	1,374.20	Do.....	4.18																																																																																																																																																																																					
McBride, R. A.....	15.00	Do.....	4.40																																																																																																																																																																																					
McDonald, E. A.....	1,500.00	1,195.39	Do.....	4.18																																																																																																																																																																																					
Smarzo, W. S.....	375.00	50.22	Do.....	4.18																																																																																																																																																																																					
Van Valkenburgh, B. F.....	1,350.00	175.91	Do.....	4.18																																																																																																																																																																																					
Wells, Levi.....	1,800.00	1,472.42	Do.....	4.18																																																																																																																																																																																					
Whitaker, G. M.....	1,600.00	529.33	Do.....	12.75																																																																																																																																																																																					
Willis, S. E.....	20.00	Do.....	2.91																																																																																																																																																																																					
Transportation:			Robt. McAdam.....	4.18																																																																																																																																																																																					
Ann Arbor R. R. Co.—			Do.....	12.75																																																																																																																																																																																					
B. F. Van Valken- burgh.....		3.22	M. W. Lang.....	6.10																																																																																																																																																																																					
M. W. Lang.....		3.22	Do.....	5.14																																																																																																																																																																																					
Atchison, Topeka and Santa Fe Rwy. Co.—			Robt. McAdam.....	4.40																																																																																																																																																																																					
Robt. McAdam.....	6.55		Chicago and Northwest- ern Rwy. Co.—																																																																																																																																																																																						
Do.....	16.20		Robt. McAdam.....	12.75																																																																																																																																																																																					
Do.....	12.50		M. W. Lang.....	3.21																																																																																																																																																																																					
Do.....	4.85		Do.....	3.21																																																																																																																																																																																					
Do.....	16.20		Do.....	3.21																																																																																																																																																																																					
Do.....	12.75		Do.....	3.21																																																																																																																																																																																					
Do.....	7.33		Do.....	3.21																																																																																																																																																																																					
Do.....	17.00		Do.....	3.21																																																																																																																																																																																					
M. W. Lang.....	8.70		E. A. McDonald.....	3.15																																																																																																																																																																																					
E. A. McDonald.....	15.25		M. W. Lang.....	4.10																																																																																																																																																																																					
Do.....	3.35		Do.....	4.10																																																																																																																																																																																					
Do.....	49.15		Do.....	3.21																																																																																																																																																																																					
Atlantic Coast Line—			Robt. McAdam.....	4.25																																																																																																																																																																																					
G. M. Whitaker.....	3.30		Do.....	6.75																																																																																																																																																																																					
Do.....	6.30		W. S. Smarzo.....	10.79																																																																																																																																																																																					
Do.....	3.62		Robt. McAdam.....	4.26																																																																																																																																																																																					
Do.....	2.90		M. W. Lang.....	2.50																																																																																																																																																																																					
Do.....	3.45		Chicago, Rock Island and Pacific Rwy. Co.—																																																																																																																																																																																						
Do.....	11.30		Robt. McAdam.....	17.00																																																																																																																																																																																					
Do.....	6.35		Do.....	17.00																																																																																																																																																																																					
Baltimore and Ohio R. R.			M. W. Lang.....	5.00																																																																																																																																																																																					
Co.—			E. A. McDonald.....	5.25																																																																																																																																																																																					
Robt. McAdam.....	11.00		Do.....	5.00																																																																																																																																																																																					
M. W. Lang.....	8.00		Robt. McAdam.....	7.20																																																																																																																																																																																					
W. S. Smarzo.....	18.00		Chicago, St. Paul, Minne- apolis and Omaha Rwy.																																																																																																																																																																																						
Boston and Maine R. R.			Co., G. M. Whitaker.....	7.20		Co.—			Central Vermont Rwy.—			M. W. Lang.....	11.50		G. M. Whitaker.....	5.01		Robt. McAdam.....	13.55		Do.....	3.07		Chicago, New Orleans and Texas Pacific Rwy. Co.,			Chicago, Burlington and Quincy Rwy.—			M. W. Lang.....	10.15		Robt. McAdam.....	7.45		Cleveland, Cincinnati, Chi- ago and St. Louis Rwy.			Do.....	5.00		E. A. McDonald.....	5.00		Co.—			Do.....	9.12		G. M. Whitaker.....	2.45		Do.....	6.17		Robt. McAdam.....	5.30		Do.....	1.30		M. W. Lang.....	2.30		Do.....	5.00		Do.....	2.55		M. W. Lang.....	17.00		Colorado Midland Rwy.			Chicago, Burlington and Quincy Rwy.—			Co., E. A. McDonald.....	8.75		M. W. Lang.....	7.50		Colorado and Southern			Do.....	5.00		Rwy.—			Do.....	5.66		Robt. McAdam.....	32.20		Do.....	9.12		M. W. Lang.....	32.20		Do.....	17.00		Colorado Springs and			Robt. McAdam.....	9.12		Cripple Creek R. R., E.			Do.....	4.88		A. McDonald.....	5.25		Do.....	7.45		Delaware and Hudson R.			Do.....	5.00		R., Levi Wells.....	7.74		Do.....	3.63		Denver and Rio Grande			Do.....	5.01		R. R. Co., E. A. McDon- ald.....	16.00		Chicago, Indianapolis and Louisville R. R., M. W.			Erie Railroad Co.—			Lang.....			M. W. Lang.....	5.50		Chicago and Great West- ern Rwy. Co.—			Do.....	5.50		Robt. McAdam.....	5.00					E. A. McDonald.....	6.65						8.00				
Co., G. M. Whitaker.....	7.20		Co.—																																																																																																																																																																																						
Central Vermont Rwy.—			M. W. Lang.....	11.50																																																																																																																																																																																					
G. M. Whitaker.....	5.01		Robt. McAdam.....	13.55																																																																																																																																																																																					
Do.....	3.07		Chicago, New Orleans and Texas Pacific Rwy. Co.,																																																																																																																																																																																						
Chicago, Burlington and Quincy Rwy.—			M. W. Lang.....	10.15																																																																																																																																																																																					
Robt. McAdam.....	7.45		Cleveland, Cincinnati, Chi- ago and St. Louis Rwy.																																																																																																																																																																																						
Do.....	5.00		E. A. McDonald.....	5.00		Co.—			Do.....	9.12		G. M. Whitaker.....	2.45		Do.....	6.17		Robt. McAdam.....	5.30		Do.....	1.30		M. W. Lang.....	2.30		Do.....	5.00		Do.....	2.55		M. W. Lang.....	17.00		Colorado Midland Rwy.			Chicago, Burlington and Quincy Rwy.—			Co., E. A. McDonald.....	8.75		M. W. Lang.....	7.50		Colorado and Southern			Do.....	5.00		Rwy.—			Do.....	5.66		Robt. McAdam.....	32.20		Do.....	9.12		M. W. Lang.....	32.20		Do.....	17.00		Colorado Springs and			Robt. McAdam.....	9.12		Cripple Creek R. R., E.			Do.....	4.88		A. McDonald.....	5.25		Do.....	7.45		Delaware and Hudson R.			Do.....	5.00		R., Levi Wells.....	7.74		Do.....	3.63		Denver and Rio Grande			Do.....	5.01		R. R. Co., E. A. McDon- ald.....	16.00		Chicago, Indianapolis and Louisville R. R., M. W.			Erie Railroad Co.—			Lang.....			M. W. Lang.....	5.50		Chicago and Great West- ern Rwy. Co.—			Do.....	5.50		Robt. McAdam.....	5.00					E. A. McDonald.....	6.65						8.00																																											
E. A. McDonald.....	5.00		Co.—																																																																																																																																																																																						
Do.....	9.12		G. M. Whitaker.....	2.45																																																																																																																																																																																					
Do.....	6.17		Robt. McAdam.....	5.30																																																																																																																																																																																					
Do.....	1.30		M. W. Lang.....	2.30																																																																																																																																																																																					
Do.....	5.00		Do.....	2.55																																																																																																																																																																																					
M. W. Lang.....	17.00		Colorado Midland Rwy.																																																																																																																																																																																						
Chicago, Burlington and Quincy Rwy.—			Co., E. A. McDonald.....	8.75																																																																																																																																																																																					
M. W. Lang.....	7.50		Colorado and Southern																																																																																																																																																																																						
Do.....	5.00		Rwy.—																																																																																																																																																																																						
Do.....	5.66		Robt. McAdam.....	32.20																																																																																																																																																																																					
Do.....	9.12		M. W. Lang.....	32.20																																																																																																																																																																																					
Do.....	17.00		Colorado Springs and																																																																																																																																																																																						
Robt. McAdam.....	9.12		Cripple Creek R. R., E.																																																																																																																																																																																						
Do.....	4.88		A. McDonald.....	5.25																																																																																																																																																																																					
Do.....	7.45		Delaware and Hudson R.																																																																																																																																																																																						
Do.....	5.00		R., Levi Wells.....	7.74																																																																																																																																																																																					
Do.....	3.63		Denver and Rio Grande																																																																																																																																																																																						
Do.....	5.01		R. R. Co., E. A. McDon- ald.....	16.00																																																																																																																																																																																					
Chicago, Indianapolis and Louisville R. R., M. W.			Erie Railroad Co.—																																																																																																																																																																																						
Lang.....			M. W. Lang.....	5.50																																																																																																																																																																																					
Chicago and Great West- ern Rwy. Co.—			Do.....	5.50																																																																																																																																																																																					
Robt. McAdam.....	5.00																																																																																																																																																																																								
E. A. McDonald.....	6.65																																																																																																																																																																																								
	8.00																																																																																																																																																																																								

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INSPECTION OF RENOVATED BUTTER—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Transportation—Cont'd.			Transportation—Cont'd.		
Galveston, Harrisburg and San Antonio Rwy. Co., E. A. McDonald	\$18.60		Northern Pacific Rwy. Co.—Cont'd.		
Grand Rapids and Indiana Rwy. Co.—			E. A. McDonald	\$7.15	
G. M. Whitaker	4.86		Do	4.35	
Robt. McAdam	4.26		Do	5.60	
M. W. Lang	4.86		Robt. McAdam	4.30	
Great Northern Rwy. Co.—			E. A. McDonald	4.30	
E. A. McDonald	2.95		Do	5.60	
Do	2.95		M. W. Lang	8.00	
Do	4.30		Robt. McAdam	4.30	
Robt. McAdam	4.30		E. A. McDonald	5.60	
Gulf, Colorado and Santa Fe R. R. Co.—			Oregon Railroad and Navigation Co.—		
Robt. McAdam	27.00		E. A. McDonald	10.65	
E. A. McDonald	7.20		Do	5.15	
M. W. Lang	14.00		Pennsylvania R. R. Co.—		
Illinois Central R. R. Co.—			Robt. McAdam	17.00	
E. A. McDonald	7.30		Levi Wells	10.75	
Do	2.45		G. M. Whitaker	12.25	
M. W. Lang	6.76		Do	6.50	
Robt. McAdam	6.76		Robt. McAdam	6.50	
Do	6.85		G. M. Whitaker	3.17	
Do	6.85		B. F. Van Valkenburgh	6.50	
Do	4.35		Do	11.15	
Do	4.44		M. W. Lang	3.15	
W. S. Smarzo	4.44		Levi Wells	2.50	
Lake Shore and Michigan Southern Rwy. Co.—			Do	2.25	
Robt. McAdam	10.00		Do	29.00	
B. F. Van Valkenburgh	3.25		Pere Marquette R. R.—		
M. W. Lang	2.15		B. F. Van Valkenburgh	4.86	
Lehigh Valley R. R. Co.—			Robt. McAdam	6.83	
Levi Wells	5.75		Do	6.83	
Do	5.55		Do	2.30	
Do	5.55		Pullman Co.—		
Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.—			B. F. Van Valkenburgh	3.00	
M. W. Lang	5.05		M. W. Lang	7.00	
Robt. McAdam	5.05		Do	4.00	
Do	4.50		W. S. Smarzo	5.00	
Minneapolis and St. Louis R. R. Co.—			Do	5.00	
Robt. McAdam	3.36		San Pedro, Los Angeles, and Salt Lake R. R.,		
Do	3.55		E. A. McDonald	35.00	
Missouri, Kansas and Texas Rwy. Co.—			Southern Rwy. Co.—		
E. A. McDonald	9.35		G. M. Whitaker	17.50	
Do	14.50		Do	17.50	
New York Central and Hudson River Rwy. Co.—			M. W. Lang	17.50	
G. M. Whitaker	6.40		Southern Pacific R. R. Co.—		
Robt. McAdam	8.76		E. A. McDonald	2.65	
B. F. Van Valkenburgh	13.00		Do	1.05	
G. M. Whitaker	9.04		Do	.65	
W. S. Smarzo	26.85		Do	4.40	
Levi Wells	16.65		Do	5.75	
New York, New Haven and Hartford Rwy. Co.—			Do	3.35	
G. M. Whitaker	5.00		Do	20.00	
Do	5.00		Do	20.30	
Do	12.25		Do	9.55	
Levi Wells	7.00		Tonopah and Goldfield R. R. Co., E. A. McDonald	34.50	
Northern Pacific Rwy. Co.—			Union Pacific R. R. Co.—		
E. A. McDonald	10.10		Robt. McAdam	17.00	
Do	7.75		Do	17.00	
Do	3.75		Do	17.00	
M. W. Lang	9.52		Virginia and Trucker Rwy., E. A. McDonald	3.00	
E. A. McDonald	7.15		Wabash Rwy. Co., E. A. McDonald	7.50	

Total: Salary, \$10,437; travel, \$7,379.53.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INSPECTION OF RENOVATED BUTTER—Continued.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Friedenwald Co.	Book certificates	\$42.00
D. H. Burrell & Co.	Storage	14.50
A. Booth & Co.	Rent	30.00
Chicago Insulated Wire Co.	.....do	21.00
Do	.....do	21.00
A. Booth & Co.	.....do	30.00
Do	.....do	30.00
Chicago Insulated Wire Co.do	21.00
Do	.....do	21.00
Jesse Joseph	Mailing cases	21.05
J. S. Martin & Co.	Rent	20.00
New York Telephone Co.	Telephone	10.00
T. G. Sellew	Desk and chair	29.00
C. H. Pepper	Linoleum and labor	26.58
W. S. Smarzo	Telephone attendant	8.00
New York Mercantile Exchange	Rent	48.34
E. N. Little's Sons	Lettering	5.50
W. S. Smarzo	Drayage	4.00
New York Telephone Co	Telephone	7.05
Merchants' Refrigerating Co.	Storage	10.50
B. F. Van Valkenburgh	Laundry, telephone	5.70
J. S. Martin & Co.	Rent	20.00
B. F. Van Valkenburgh	Station expenses	19.83
J. S. Martin & Co.	Rent	20.00
Do	.....do	20.00
B. F. Van Valkenburgh	Service of janitor, etc	25.90
Do	Butter, services of laborer	2.58
J. S. Martin & Co.	Rent	20.00
B. F. Van Valkenburgh	Pay for witness	1.25
Do	Laundry, etc	31.20
J. S. Martin & Co.	Rent	20.00
B. F. Van Valkenburgh	Cooperage, etc	20.00
J. S. Martin & Co.	Rent	20.00
B. F. Van Valkenburgh	Cooperage, etc	32.65
Do	.....do	26.60
Do	Telephone and services of janitor	30.79
J. S. Martin & Co.	Rent	20.00
Do	.....do	20.00
Merchants' Refrigerating Co.	Storage	5.10
B. F. Van Valkenburgh	Telephone and services of janitor	25.00
Do	Laundry	1.35
J. S. Martin & Co.	Rent	20.00
E. H. Webster	Butter	2.85
G. M. Whitaker	Telephone	3.00
Do	.....do	1.95
Do	.....do	2.00
Do	Analysis of butter	2.00
Do	Telephone	4.15
Do	.....do	2.00
E. H. Webster	Butter	.87
Total	.....do	6.55
		1,031.84

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INSPECTION OF SOUTHERN CATTLE.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Allen, L. J.....	\$1,516.67	\$398.40	Transportation—Continued.		
Blackmar, C. E.....	900.00		Cincinnati, New Orleans		
Boazman, J. B.....	1,200.00	216.65	and Texas Pacific Rwy.		
Brewer, F. W.....	816.67	288.92	Co.—		
Brusler, Joseph.....	1,200.00		E. M. Nighbert.....	4.25	
Buffington, R. M.....	1,000.00	239.71	Do.....	4.50	
Burgett, J. L.....	1,400.00	109.62	J. B. Boazman.....	7.70	
Clancy, J. B.....		8.38	Do.....	5.10	
Cock, J. H.....	200.00	26.30	Do.....	5.20	
Cracraft, T. B.....	1,150.00	48.80	W. P. Ellenberger.....	5.05	
Dean, Albert.....	1,800.00	71.40	Do.....	5.05	
Eichhorn, A.....	116.66		J. B. Boazman.....	5.10	
Ellenberger, W. P.....	500.00	227.62	Do.....	5.10	
Evans, E. E.....	720.00		Illinois Central R. R. Co.—		
Graham, Ralph.....	1,216.67	455.45	F. W. Hopkins.....	5.70	
Grimes, R. B.....	126.67		W. H. Meadors.....	4.40	
Hiatt, W. L.....	1,400.00	332.15	Do.....	10.69	
Hill, W. E.....	1,200.00	12.55	Louisville and Nashville		
Honan, W. C.....	407.50	62.10	R. R. Co.—		
Hopkins, F. W.....	1,500.00	206.00	F. W. Hopkins.....	8.50	
Irwin, A. N.....	125.00	10.95	Do.....	10.00	
Irwin, James.....	83.33		Do.....	3.90	
Johnson, Raymond.....	1,195.83	255.13	Do.....	3.90	
Jorden, W. D.....	1,200.00	646.70	Missouri Pacific Rwy. Co.,		
Lamb, M. B.....	1,000.00	193.60	J. H. Cock.....	7.50	
Lewis, W. K.....		6.85	Nashville, Chattanooga		
McCunningham, Dan.....	256.66	77.55	and St. Louis Rwy.—		
Mackellar, William M.....	116.67		F. W. Hopkins.....	4.35	
Mauldin, C. E.....	400.00	26.10	Do.....	10.00	
Meadors, W. H.....		10.25	W. P. Ellenberger.....	7.15	
Moser, G. C.....	1,200.00		F. W. Hopkins.....	8.15	
Owen, F. D.....	1,200.00	95.02	Do.....	4.35	
Nighbert, E. M.....	1,363.89	219.68	Norfolk and Western		
Ragland, M. J.....	1,200.00	111.63	Rwy. Co.—		
Richardson, A. G. G.....	600.00	43.82	W. P. Ellenberger.....	10.00	
Robards, Jesse.....	700.00	259.90	Do.....	10.00	
Ruth, Adolph.....	1,016.67	153.95	Southern Rwy. Co.—		
Steffen, M. R.....	153.33	43.35	E. M. Nighbert.....	5.90	
Stine, B. L.....	1,200.00		W. P. Ellenberger.....	10.00	
Schiermann, J. F.....	897.50		A. G. G. Richardson.....	6.00	
Sherwood, E. C.....	128.33		W. P. Ellenberger.....	7.15	
Singleton, Henry.....	900.00	7.55	Do.....	8.55	
Tellejohn, E. H.....	646.00		Do.....	6.20	
Thrower, J. D.....	1,000.00	191.70	A. G. G. Richardson.....	7.15	
Wagner, A. E.....	900.00		Do.....	7.15	
Wallace, A. H.....	370.83		W. P. Ellenberger.....	5.70	
Warner, D. E.....	360.00	103.45	Do.....	3.32	
Warner, G. D.....	300.00		F. D. Owen.....	3.25	
Williams, H. C.....	525.00		E. M. Nighbert.....	6.17	
Wright, I. H.....	614.00		Do.....	10.00	
Wolf, Max.....		23.55	W. P. Ellenberger.....	5.15	
Yenner, William.....	625.00	27.75	Tennessee Central R. R.		
Young, J. M.....	600.00	111.45	Co.—		
Transportation:			A. G. G. Richardson.....	4.70	
Atchison, Topeka and			Do.....	7.40	
Santa Fe Rwy. Co.—			Vandalia R. R. Co., F. W.		
J. M. Young.....		12.50	Brewer.....	11.48	
W. H. Meadors.....		4.80			
Chicago, Burlington and					
Quincy Rwy. Co.—					
W. H. Meadors.....		2.03			
Do.....		3.41			

Total: Salary, \$39,248.88; travel, \$5,617.63.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INSPECTION OF SOUTHERN CATTLE—Continued.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
The Texas Co.	Crude oil	\$114.18
J. R. Harris	Rent	36.00
C. E. Blackmar	Street-car fare	14.15
Do	.....do	10.65
Do	.....do	11.25
W. D. Jorden	Service of saddle horse	75.00
A. H. Wallace	.....do	50.00
Kansas City Stock Yards Co.	Rent	48.00
A. E. Wagner	Car fare	14.50
C. E. Blackmar	.....do	17.50
Albert Dean	Telegrams	7.81
Do	Tin cans	6.86
W. D. Jorden	Service of saddle horse	75.00
J. R. Harris	Rent	36.00
Kansas City Stock Yards Co.	.....do	48.00
Albert Dean	Telegrams	9.95
Do	.....do	2.62
Kansas City Stock Yards Co.	Rent	48.00
J. R. Harris	.....do	36.00
W. D. Jorden	Service of saddle horse	75.00
Do	.....do	75.00
Kansas City Stock Yards Co.	Rent	48.00
J. R. Harris	.....do	36.00
Albert Dean	Telegrams	8.80
F. W. Hopkins	Street-car fare	7.99
Do	.....do	7.00
C. E. Mauldin	.....do	10.25
Do	.....do	26.95
Do	.....do	26.80
J. W. Parker	Soap	19.38
A. G. G. Richardson	Street-car fare	3.95
F. W. Hopkins	.....do	8.00
A. G. G. Richardson	.....do	3.50
M. F. Flenmiken	Rent	48.00
A. G. G. Richardson	Telegrams, car fare	2.60
Do	.....do	3.10
Do	Rent	32.00
Do	Car fare	1.40
A. E. Wagner	Freight, etc.	30.92
Do	Car fare	15.30
Do	.....do	10.55
A. H. Wallace	Telephone	13.05
Total		6.00
		1,181.01

INVESTIGATIONS AND EXPERIMENTS IN DAIRY INDUSTRY.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Dexter, Wm. Hart	\$116.67	.....	Transportation:		
Doane, C. F.	1,600.00	\$380.90	Atchison, Topeka and Santa Fe Rwy. Co.—		
Dox, Arthur W.	865.00	10.85	E. H. Webster		\$12.50
Fletcher, A. E.	360.00	.....	Do		14.00
Gray, C. E.	2,000.00	344.58	Western Railway of Ala- bama, B. H. Rawl		7.90
Issajeff, Theodore	900.00	.....	Baltimore and Ohio R. R.		
Kieffer, P. H.	5.00	49.03	Co.—		
Lane, C. B.	1,800.00	349.21	C. F. Doane		19.55
Langworthy, C. F.	987.49	14.25	C. B. Lane		8.00
Mason, Christie J.	56.00	12.07	E. H. Webster		17.00
Moore, J. W.	44.44	21.96	Do		
McKay, G. L.	.....	49.50	C. F. Doane		21.90
Parks, G. H.	1,583.33	102.05	Boston and Maine R. R.,		
Rawl, B. H.	1,400.00	1,106.33	C. B. Lane		3.49
Ridley, C. M.	480.00	.....	Canadian Pacific Rwy.,		
Rogers, L. A.	1,416.67	420.42	E. H. Webster		9.35
Smith, Archie	2.00	.....	Central Railway of Geor- gia Co., E. H. Webster		24.05
Stocking, W. A., jr.	205.00	76.84	Chesapeake and Ohio		
Stuart, Duncan	1,170.00	.....	Rwy., B. H. Rawl		17.00
Sudendorf, E.	10.00	.....		
Thom, Charles	1,500.00	39.00			
Webster, Ed. H.	2,500.00	477.95			

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INVESTIGATIONS AND EXPERIMENTS IN DAIRY INDUSTRY—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Transportation—Continued.			Transportation—Continued.		
Chicago and Alton Rwy. Co.—			Green Bay and Western R. R. Co., L. A. Rogers		\$4.95
E. H. Webster.....	\$7.50		R. R. Co., L. A. Rogers		
Do.....	7.50		Houston and Texas Central R. R.—		
Chicago, Burlington and Quincy R. R. Co., L. A. Rogers.....	6.15		B. H. Rawl.....		4.95
Chicago, Milwaukee and St. Paul Rwy. Co.—			Do.....		13.55
C. F. Doane.....	3.43		E. H. Webster.....		19.00
C. B. Lane.....	21.42		Illinois Central R. R. Co.—		
C. E. Gray.....	2.87		E. H. Webster.....		
Chicago and Northwest-ern Rwy. Co.—			C. E. Gray.....		5.97
L. A. Rogers.....	4.90		C. B. Lane.....		4.98
Do.....	9.80		C. B. Lane.....		
Do.....	5.25		B. H. Rawl.....		
E. H. Webster.....	6.75		C. B. Lane.....		
Do.....	7.05		B. H. Rawl.....		
Do.....	7.80		C. B. Lane.....		
L. A. Rogers.....	15.67		E. H. Webster.....		
E. H. Webster.....	4.80		Lehigh Valley R. R. Co.—		
C. F. Doane.....	8.94		C. B. Lane.....		
E. H. Webster.....	9.80		C. F. Doane.....		
C. E. Gray.....	9.80		C. B. Lane.....		
L. A. Rogers.....	9.80		B. H. Rawl.....		
C. E. Gray.....	9.80		C. B. Lane.....		
E. H. Webster.....	5.02		E. H. Webster.....		
Do.....	3.92		Louisville and Nashville R. R. Co.—		
Do.....	7.80		B. H. Rawl.....		
Do.....	3.30		Do.....		6.30
Do.....	9.80		Do.....		6.90
L. A. Rogers.....	9.40		Michigan Central R. R. Co.—		
Do.....	7.05		L. A. Rogers.....		
C. E. Gray.....	9.80		C. B. Lane.....		15.67
Do.....	9.80		Do.....		5.00
L. A. Rogers.....	9.80		Missouri Pacific Rwy. Co.—		
C. E. Gray.....	3.92		B. H. Rawl.....		
Do.....	3.92		Do.....		4.74
Do.....	3.20		C. F. Doane.....		4.33
Do.....	9.80		E. H. Webster.....		7.50
Chicago, Rock Island and Pacific Rwy. Co.—			Nashville, Chattanooga and St. Louis Rwy. Co.—		
B. H. Rawl.....	4.15		B. H. Rawl.....		
Do.....	4.15		Do.....		5.70
E. H. Webster.....	14.40		C. B. Lane.....		
C. E. Gray.....	6.75		B. H. Rawl.....		
Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.—			C. B. Lane.....		
L. A. Rogers.....	1.70		B. H. Rawl.....		
E. H. Webster.....	2.60		C. B. Lane.....		
L. A. Rogers.....	5.85		C. B. Lane.....		
Do.....	5.25		G. H. Parks.....		
Do.....	8.60		E. H. Webster.....		
E. H. Webster.....	2.60		C. B. Lane.....		
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.—			G. H. Parks.....		
C. F. Doane.....	20.25		E. H. Webster.....		
E. H. Webster.....	20.25		C. B. Lane.....		
C. B. Lane.....	2.75		E. H. Webster.....		
G. H. Parks.....	2.75		C. F. Doane.....		
E. H. Webster.....	15.90		Do.....		
B. H. Rawl.....	3.60		C. B. Lane.....		
Delaware, Lackawanna and Western R. R. Co.—			C. F. Doane.....		
C. B. Lane.....	6.10		E. H. Webster.....		
Do.....	5.00		C. B. Lane.....		
C. F. Doane.....	6.10		E. H. Webster.....		
Erie R. R. Co.—			C. B. Lane.....		
E. H. Webster.....	8.70		E. H. Webster.....		
C. B. Lane.....	5.00		C. B. Lane.....		
Grand Trunk R. R. Co.—			Do.....		
E. H. Webster.....	5.00		C. F. Doane.....		
Do.....	5.00		E. H. Webster.....		
Do.....	11.00		C. F. Doane.....		

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INVESTIGATIONS AND EXPERIMENTS IN DAIRY INDUSTRY—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Transportation—Continued.			Southern Rwy. Co.—Cont'd.		
Pennsylvania R. R. Co.—			C. F. Doane.....	\$15.40	
Continued.			B. H. Rawl.....	3.32	
E. H. Webster.....	\$17.50		Do.....	3.32	
C. B. Lane.....	14.00		B. H. Rawl.....	2.34	
G. H. Parks.....	14.00		Do.....	4.25	
B. H. Rawl.....	6.50		Do.....	4.00	
C. F. Doane.....	10.00		Do.....	2.55	
C. B. Lane.....	6.50		Do.....	1.45	
Do.....	10.75		Do.....	2.75	
E. H. Webster.....	10.00		Do.....	12.25	
Do.....	10.00		Do.....	12.50	
C. B. Lane.....	5.57		E. H. Webster.....	27.50	
B. H. Rawl.....	6.50		Do.....	15.20	
G. H. Parks.....	4.00		B. H. Rawl.....	4.50	
E. H. Webster.....	6.50		Do.....	5.95	
C. B. Lane.....	4.00		Do.....	3.86	
Do.....	4.27		Do.....	18.45	
E. H. Webster.....	10.00		Do.....	4.65	
C. B. Lane.....	11.00		Do.....	12.50	
Do.....	7.69		Do.....	15.90	
G. H. Parks.....	5.34		St. Louis and San Fran-		
Pullman Company—			cisco R. R.—		
C. B. Lane.....	1.25		B. H. Rawl.....	1.89	
E. H. Webster.....	2.00		Do.....	5.23	
Do.....	5.00		Texas Pacific Rwy. Co.,		
C. B. Lane.....	5.00		B. H. Rawl.....	5.65	
E. H. Webster.....	5.00		Union Pacific R. R. Co.—		
C. B. Lane.....	2.00		E. H. Webster.....	30.80	
Do.....	5.00		Do.....	3.89	
C. F. Doane.....	5.00		Wabash Rwy. Co.—		
C. B. Lane.....	5.00		B. H. Rawl.....	5.08	
Do.....	5.00		Do.....	10.55	
E. H. Webster.....	5.00		Washington Southern		
Do.....	5.00		Rwy. Co., B. H. Rawl.....	12.85	
Do.....	6.50		Western Rwy. of Ala-		
B. H. Rawl.....	3.00		bama, B. H. Rawl.....	11.35	
E. H. Webster.....	3.00		Yazoo and Mississippi		
C. B. Lane.....	3.50		Valley R. R., B. H.		
G. H. Parks.....	3.50		Rawl.....	14.15	
Rutland R. R. Co.—			Pennsylvania R. R. Co.,		
B. H. Rawl.....	3.00		C. B. Lane.....	9.70	
E. H. Webster.....	5.75		Yazoo and Mississippi		
C. F. Doane.....	4.73		Valley R. R., E. H.		
Seaboard Air Line, C. F.			Webster.....	14.15	
Doane.....	4.31		Atlantic Coast Line—		
Southern Rwy. Co.—			B. H. Rawl.....	4.65	
B. H. Rawl.....	8.30		Do.....	3.33	
Do.....	15.90		New Orleans and North-		
Do.....	8.10		eastern R. R. Co.—		
Do.....	4.22		B. H. Rawl.....	13.90	
Do.....	8.60		Do.....	16.35	
Do.....	3.10		Do.....	3.75	
Do.....	4.15		Do.....	18.10	
Do.....	5.60		Pullman Co., B. H. Rawl.....	3.00	
G. H. Parks.....	15.40		Baltimore and Ohio R. R.		
Do.....	15.41		Co., C. F. Doane.....	12.93	
B. H. Rawl.....	3.70		Chicago, Milwaukee and		
C. F. Doane.....	15.97		St. Paul R. R. Co., C. F.		
E. H. Webster.....	12.50		Doane.....	7.26	

Total: Salary, \$19,001.60; travel, \$5,292.05.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Library Bureau.....	Oak cardcase.....	\$49.60
Remington Typewriter Co.....	Typewriter.....	80.00
E. Morrison Paper Co.....	Memorandum books.....	5.10
N. M. Minnix.....	Telephone holder.....	5.00
M. Joyce Engraving Co.....	Engraving.....	.50
Yawman & Erbe Manufacturing Co.....	Guides.....	37.40
E. J. Pullman.....	Photographic supplies.....	17.45

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INVESTIGATIONS AND EXPERIMENTS IN DAIRY INDUSTRY—Continued.

Name.	Article.	Amount.
Schreiber & Sons.....	Photograph.....	\$1.00
M. Joyce Engraving Co.....	Engraving.....	.50
Remington Typewriter Co.....	Adjusting typewriter.....	4.75
Scientific Engraving Co.....	Illustrations.....	18.00
F. A. Schmidt.....	Ink.....	.33
Lamb & Tilden.....	Royal self-inker.....	2.71
E. Faber.....	Pencils.....	.30
Library Bureau.....	Cards.....	2.30
D. F. Parker.....	Paper.....	9.75
F. A. Schmidt.....	Drawing paper.....	7.70
J. B. Lambie Co. (Incorporated).....	Glue.....	.16
M. Du Perow.....	Tubing.....	2.00
Schreiber & Sons.....	Duplicate photographs.....	1.25
Library Bureau.....	Cards.....	46.00
Do.....	Press-board guides.....	2.20
J. B. Henderson.....	Wall paper.....	1.05
M. Joyce Engraving Co.....	Engravings.....	6.84
Yawman & Erbe Manufacturing Co.....	Sets and guides.....	2.40
Woodward & Lothrop.....	Chair.....	5.78
Library Bureau.....	Cards.....	10.50
A. B. Graham Co.....	Photograph of diploma.....	16.00
Southern Printers' Supply Co.....	1 cow (electro).....	.50
Do.....	Electros.....	2.00
Barnes-Crosby Co.....	Developing and printing.....	3.50
G. F. Muth & Co.....	Gold leaf, brushes.....	2.88
United States Envelope Co.....	Envelopes.....	62.67
Rochester Optical Co.....	Adapter, etc.....	7.75
J. Lansburgh Furniture and Carpet Co.....	Hassocks.....	.60
Barber & Ross.....	Ice tongs.....	.40
F. A. Schmidt.....	Ink.....	1.96
E. J. Pullman.....	Photograph supplies.....	24.40
Do.....	do.....	6.60
D. F. Parker.....	Label holders.....	7.50
Do.....	Mimeograph paper.....	4.50
Do.....	Mimeograph and paper.....	31.75
E. Morrison Paper Co.....	Mailing tubes.....	1.65
Do.....	do.....	3.63
J. Bishop & Co.....	Platinum wire.....	.79
A. H. Thomas Co.....	Flasks, pencils.....	2.35
E. J. Pullman.....	Photograph supplies.....	14.20
Jos. Williams.....	Cutting grass.....	.75
M. Du Perow.....	Flexible portables.....	4.95
Library Bureau.....	Cards, guides.....	34.90
Schreiber & Sons.....	Photographs of dairy cattle.....	5.00
Potomac Electric Power Co.....	Electric bulbs.....	2.52
Church & Stephenson.....	Lumber.....	16.00
D. F. Parker.....	Paper, mimeograph supplies.....	15.00
E. Morrison Paper Co.....	Cadmus cover paper.....	2.50
F. A. Schmidt.....	Architect supplies.....	3.08
E. J. Pullman.....	Photograph supplies.....	37.25
Globe Printing Co.....	Paper.....	1.75
Jos. Williams.....	Cutting grass.....	.75
The Emil Greiner Co.....	Laboratory supplies.....	8.52
M. Joyce Engraving Co.....	Engraving.....	.50
M. Du Perow.....	Parabolic shade.....	.35
Do.....	Fans.....	28.80
Bausch & Lomb Optical Co.....	Laboratory supplies.....	91.59
A. H. Thomas Co.....	do.....	5.47
National Mortar Co.....	Sand, cement, gravel.....	11.70
E. G. Schafet & Co.....	Plumbers' supplies.....	31.99
Woodward & Lothrop.....	Desks.....	56.85
Do.....	Chairs.....	35.95
Bausch & Lomb Optical Co.....	Laboratory supplies.....	8.74
Mackall Bros.....	Tartaric acid.....	.55
Do.....	Bottles, filters.....	49.80
Whitall Tatum Co.....	Flasks, beakers.....	25.90
Library Bureau.....	Cards.....	.80
Do.....	do.....	21.60
Do.....	Library card top.....	48.15
Do.....	Cards.....	1.90
E. H. Sargent & Co.....	Chemical apparatus.....	201.32
The Emil Greiner Co.....	do.....	59.56
T. Somerville & Sons.....	Valves, fittings.....	31.13
A. Booth & Co.....	Rent.....	30.00
Do.....	do.....	30.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

INVESTIGATIONS AND EXPERIMENTS IN DAIRY INDUSTRY—Continued.

Name.	Article.	Amount.
A. Booth & Co.	Rent.	\$30.00
Do.	do	30.00
Do.	Drayage.	2.00
Do.	Rent.	30.00
W. A. Stocking, jr.	Express.	9.85
Diamond Creamery.	Butter.	543.84
Continental Creamery Co.	do	842.57
H. A. Chaplin.	Cheese	463.21
E. H. Webster.	do	12.50
II. A. Chaplin.	do	108.68
Do.	do	150.48
Do.	do	156.75
E. H. Webster.	Butter.	53.33
Do.	Cheese, etc.	3.50
M. J. Bueklin.	Photograph supplies	9.24
E. H. Webster.	Test tube, pipettes.	10.25
Do.	Express, etc.	7.75
Do.	Cheese.	88.92
L. A. Rogers.	Paraffin, drayage.	5.10
Plymouth Refrigerator Co.	Rent.	50.00
Do.	do	50.00
Do.	do	50.00
Do.	Rent and cheese.	50.00
Do.	do	50.00
Do.	Heat.	21.60
Do.	do	12.00
Do.	Rent.	50.00
Do.	do	50.00
Do.	Heat.	10.00
Do.	Electric current.	6.00
Do.	Rent.	50.00
Do.	do	50.00
Do.	do	40.00
Do.	do	40.00
Merchants' Refrigerator Co., New York.	Ice chest.	1.50
E. H. Webster.	Express.	3.15
H. L. Ayers.	Milk.	12.00
E. H. Webster.	Cheese.	3.40
Do.	Milk.	3.14
Do.	Cheese.	1.57
Do.	do	.45
Fred Bender.	Rent of show case.	5.00
Carroll Laneaster.	Floor covering.	34.95
Chicago Coliseum Co.	Electric light.	12.40
M. E. Gordon.	Construction of booth.	21.91
Story Furniture Co.	Desks, tables.	30.50
E. H. Webster.	Express.	5.35
Chicago board of health.	Drayage.	7.30
Tripp & Co.	Display cards.	4.50
D. H. Doyle.	Lumber.	11.56
E. H. Webster.	Merchandise.	11.32
Do.	Express.	6.45
Fox River Butter Co.	Butter.	11.96
E. H. Webster.	do	11.50
Do.	Freight.	10.78
National D. S. Association.	Rent.	19.50
E. H. Webster.	Express.	2.43
Do.	Butter, thermometer, and chart.	3.00
E. F. Groth.	Butter fat.	85.71
Ernst Leitz.	Apparatus for testing butter.	24.40
University of Wisconsin.	Butter fat.	126.26
E. H. Webster.	Milk.	1.20
Do.	Red ink.	2.50
Farmers' Store Co.	Butter.	63.00
E. H. Webster.	Lumber.	11.54
Chesapeake and Potomac Telephone Co.	Telephone.	.15
Chicago and Northwestern Rwy. Co.	Freight.	3.15
B. F. Van Valkenburgh.	Freight and express.	5.00
Total.		5,287.92

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

LABORATORIES AND LIBRARY, WASHINGTON, D. C.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Alexander, Wm.	\$600.00		Swanger, C. H.	\$207.67	
Bolton, B. M.	1,900.00		Titus, S. H.	54.25	
Brereton, Louise.	600.00		Washburn, H. J.	2,000.00	
Brown, E. W.	1,400.00		White, G. F.	100.00	
Buckley, J. S.	1,800.00		Transportation:		
Dorset, Marion	2,875.00	\$85.30	Baltimore and Ohio R. R. Co.—		
Douglas, Louise.	405.34		B. H. Ransom	\$12.80	
Eichhorn, Adolph.	250.00	23.50	A. Eichhorn	19.25	
Emery, James A.	1,900.00		Chicago, Milwaukee and St. Paul Rwy. Co., M. Dorset		29.00
Flocken, Chas. F.	933.33		Chicago and Northwest- ern Rwy. Co., B. H. Ransom		4.54
Gill, C. T.	480.00		Chicago, St. Paul, Minne- apolis and Omaha Rwy. Co., B. H. Ransom		7.25
Goetz, Lena B.	70.00		Lake Shore and Michigan Southern Rwy. Co., B. H. Ransom		12.50
Graybill, H. W.	840.00		Michigan Central R. R.— M. Dorset		14.25
Harley, R. C.	84.00		Pennsylvania R. R. Co.— J. R. Mohler		10.00
Harmon, A. A.	700.00		M. Dorset		14.25
Hart, G. H.	1,400.00		B. C. Oberly		18.15
Hassall, Albert	1,800.00		M. Dorset		14.25
Hughes, M. L.	480.00		B. H. Ransom		36.15
Ingersoll, E. H.	400.00		Southern Rwy. Co.— J. R. Mohler		11.42
Jones, Jennie.	480.00		Do		15.97
Kerr, R. H.	533.33		Washington Southern Rwy. Co., J. R. Mohler		3.50
Klein, L. A.	145.69	54.96			
McAuley, H. S.	600.00				
McBryde, C. N.	1,582.22				
Mohler, John R.	2,875.00	54.09			
Morse, G. B.	1,600.00				
Oberly, B. C.		8.94			
Price, T. M.	1,616.66				
Ransom, B. H.	1,600.00	107.44			
Reamy, T. B.	770.00				
Rector, F. L.	735.00				
Shore, H. J.	853.34				
Stamper, W. S.	1,200.00				
Stevenson, E. C.	1,000.00				
Stiles, G. W., jr.	350.00				
Sullivan, M. E.	480.00				

Total: Salary, \$37,700.83; travel, \$575.76.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Barrett Manufacturing Co.	Carbolic acid	\$4.75
F. P. May & Co.	Grinders	2.00
Woodward & Lothrop	Tapers	.21
Eimer & Amend	Flasks	2.75
Do	Diamond reading glasses	6.10
Do	Bottles, etc.	8.06
Bausch & Lomb Optical Co.	Potassium, sulphur	3.14
W. B. Moses & Sons	Mirror	1.75
Z. D. Gilman	Blackleg needles	3.00
Whitall Tatum Co.	Spatulas	4.36
Keasbey & Mattison Co.	Covering water still	5.00
Bausch & Lomb Optical Co.	Crucibles and casseroles	9.00
J. Bishop & Co.	Platinum crucibles	117.76
Whitall Tatum Co.	Corks	.50
Rudolph & West Co.	Manila rope	2.21
Hugh Reilly	Glass	1.50
A. H. Thomas Co.	Pipettes	.36
Bausch & Lomb Optical Co.	Chemicals	8.79
Library Bureau	Cards	4.25
F. P. May & Co.	Grinders	4.00
Wm. Kraft	Azur	3.75
Buffalo Dental Co.	Fire-clay muffles	3.00
Remington Typewriter Co.	Repairs to typewriter	.60
H. & H. Schoellkopf	Carbolic acid	2.00
F. P. May & Co.	Grinders	.50
Woodward & Lothrop	Muslin	2.00
C. R. Edmonston	Cooler	8.05
Do	Filtering tubes	12.00
Z. D. Gilman	Rubber gloves	3.00
A. H. Thomas Co.	Flasks	31.68
Simplex Electric Heating Co.	Flask heater	10.25
Library Bureau	Guides	2.63

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

LABORATORIES AND LIBRARY, WASHINGTON, D. C.—Continued.

Name.	Article.	Amount.
Columbia Pump & Well Co.	Pump.....	\$10.00
Hugh Reilly.....	Ribbed glass.....	1.00
Lamb & Tilden.....	Holders.....	.40
Mackall Bros.....	Glass mantels, glycerin.....	19.30
Do.....	Corks, vials.....	20.00
Bausch & Lomb Optical Co.	Chemicals.....	4.00
Do.....	Oven, desiccator.....	10.88
Do.....	Funnels, wire, etc.....	12.18
Do.....	Sulphuric acid, rubber caps.....	8.99
Do.....	Bell glass, bottles.....	11.25
Do.....	Filtering stands, burners.....	3.36
H. & H. Schoellkopf.....	Cresol.....	5.00
Muddiman & Co.....	Mantels.....	.25
R. C. Ballantyne.....	Sealing wax.....	3.78
Eimer & Amend.....	Flasks.....	4.70
Do.....	Tubing, postage.....	.55
C. R. Edmonston.....	Grinders.....	.75
Rudolph & West Co.....	Steel tray.....	1.50
W. B. Moses & Sons.....	Dripping pans.....	1.20
Z. D. Gilman.....	Soap.....	1.00
H. & H. Schoellkopf.....	Pyridine.....	4.00
Barrett Manufacturing Co.....	Cresol.....	6.00
R. C. Ballantyne.....	Dennison's labels.....	6.40
Armour & Co.....	Soap.....	24.00
T. Somerville & Sons.....	Plumbers' supplies.....	11.31
J. B. Lambie Co. (Incorporated)	Zinc.....	1.65
Mackall Bros.....	Ether.....	20.68
Do.....	Carbon filters.....	14.92
Do.....	Vials.....	9.50
Do.....	Peroxide.....	4.40
Do.....	Rubber tubing.....	2.73
Barber & Ross.....	Cutters.....	2.50
Do.....	Stove bolts.....	.15
Mackall Bros.....	Rubber tubing.....	5.82
Do.....	Cotton.....	5.87
Do.....	Alcohol.....	12.30
Bausch & Lomb Optical Co.	Ammonium hydroxide.....	2.63
Do.....	Peptone, etc.....	10.88
Do.....	"Y" tubes.....	.96
C. Syphax.....	Sick hogs.....	8.00
Kellogg Switchboard and Supply Co.....	Adjustophone, desk set box.....	12.00
E. B. Adams Co.....	Graduated measure.....	.50
A. C. Rowe.....	Underwriters' fire extinguisher.....	36.00
J. N. Beavers.....	Half wine barrel.....	.85
Woodward & Lothrop.....	Sheeting.....	.75
C. R. Edmonston.....	Stone jugs.....	4.00
Eimer & Amend.....	Pipettes, sand glass.....	2.57
Do.....	Weight, bottles, tube brushes.....	4.70
Do.....	Filter tubes, rubber tube.....	3.50
Do.....	Gelatin.....	2.30
Do.....	Porcelain funnels.....	4.50
Do.....	Filters, etc.....	1.40
Mackall Bros.....	Vials.....	1.70
Do.....	Corks.....	40.00
Do.....	Hydrogen dioxide, ether.....	14.40
Do.....	Acetic acid.....	.35
Do.....	Asbestos.....	5.40
Do.....	Mercury.....	1.32
Do.....	Glycerin.....	16.80
Do.....	Paraffin.....	2.10
Do.....	Filters, rubber tube.....	5.92
Do.....	Methyl (violet).....	12.75
Hugh Reilly.....	Glass.....	1.20
E. Morrison Paper Co.....	Memo. calendar.....	.25
Dulin & Martin.....	Saucepans and boiler.....	1.85
Bedell Manufacturing Co.....	Repairing chair.....	1.50
Mackall Bros.....	Vials, filters, and corks.....	22.35
Do.....	Asbestos.....	1.90
A. H. Thomas Co.....	Pencils.....	.90
Do.....	Sodium chloride.....	3.60
Church & Stephenson.....	Lumber.....	89.00
Barrett Manufacturing Co.....	Oil.....	5.00
Bausch & Lomb Optical Co.	Bottles.....	2.32
Do.....	Extraction thimbles.....	2.85
Do.....	Chemicals.....	3.61
Do.....	Burners, etc.....	6.20
Do.....	Carbolic acid.....	5.00
A. H. Thomas Co.....	Pipettes.....	.72
E. G. Schafer & Co.....	Plumbers' supplies.....	2.80

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

LABORATORIES AND LIBRARY, WASHINGTON, D. C.—Continued.

Name.	Article.	Amount.
W. A. Lockwood.	Rubber apron.	\$0.75
Bausch & Lomb Optical Co.	Chemicals.	4.15
Do.	Safety burner.	4.05
Do.	Ammonium sulphate.	2.15
Do.	Peptone.	10.00
Henry Evans.	Kerosene.	1.80
T. Somerville & Sons.	Plumbers' supplies.	3.56
Lansburgh & Bro.	Sheeting.	1.94
Mackall Bros.	Alcohol.	16.40
Do.	Peroxide, absorbent cotton.	9.40
Do.	Corks.	1.25
Do.	Ether.	10.00
Z. D. Gilman.	Chemicals.	3.70
Do.	Creolin.	1.50
C. R. Edmonston.	Jugs.	4.50
Eimer & Amend.	Gas regulators.	4.10
Do.	Diamond for writing on glass.	2.50
Mackall Bros.	Filters, glycerin.	21.10
Do.	Flasks, etc.	5.23
Goulds Manufacturing Co.	Nozzles, couplings.	2.43
Lindsay Rubber Co.	Rubber dam.	1.50
Do.	do.	1.09
Columbia Pump and Well Co.	Spray pump.	12.00
J. N. Beavers.	Barrel.	.55
Church & Stephenson.	Lumber.	40.00
A. H. Thomas Co.	Flasks.	14.80
Mackall Bros.	Vials, corks.	17.30
Do.	do.	3.00
E. G. Schafer & Co.	Pipe, etc.	6.25
Z. D. Gilman.	Zenoleum.	10.93
A. L. Webb & Son.	Alcohol.	1.75
Barrett Manufacturing Co.	Oil.	23.68
W. M. Whyte.	Repairs to steam bath.	5.00
National Aniline Chemical Co.	Coal-tar creosote.	10.00
Eimer & Amend.	Chemicals.	7.50
Do.	Chemicals, express.	5.10
Bausch & Lomb Optical Co.	Flasks.	3.70
Do.	Tripods, crucibles.	3.00
Do.	Sulphate, etc.	3.69
Remington Typewriter Co.	Hydrochloric acid.	3.99
Lentz & Lossau.	Damp dishes.	3.60
Barber & Ross.	Repairs to typewriter.	2.45
Barrett Manufacturing Co.	Catheters.	.50
Eimer & Amend.	Stove belts.	2.65
Do.	Bensol.	1.75
Do.	Plates.	1.55
Do.	Flasks.	3.00
Gulf Refining Co.	Sodium sulphate.	3.65
Do.	Pinchcocks.	1.35
The Emil Greiner Co.	Tickiside.	16.61
C. Becker.	do.	8.28
Barrett Manufacturing Co.	do.	29.33
T. Somerville & Sons.	do.	2.60
Z. D. Gilman.	Stopcocks.	4.00
Rudolph & West Co.	Bag.	4.75
J. Benares.	Oil.	10.00
Mackall Bros.	Pump valves.	2.80
Do.	Chemicals.	1.03
A. H. Thomas Co.	Tin cans.	7.20
Bausch & Lomb Optical Co.	Repairs to vacuum pump.	2.00
Do.	Glycerin, etc.	31.75
Do.	Soda, etc.	3.50
Do.	Flasks.	35.52
Mackall Bros.	Funnels and condensers.	7.25
Do.	Sulphuric acid, filter stand.	7.41
Do.	Funnels, etc.	9.73
Do.	Chemicals.	4.20
Do.	Ether.	10.00
R. C. Ballantyne.	Resin.	1.75
J. N. Beavers.	Vials, corks.	20.00
Barrett Manufacturing Co.	Chemicals.	6.45
Dulin & Martin.	Flasks.	10.24
Do.	Resin.	1.75
Do.	Paraffin.	2.20
Do.	Sealing wax.	3.78
Do.	One-half wine barrel.	.55
Do.	Benzol.	2.25
Do.	Mirror.	1.35

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

LABORATORIES AND LIBRARY, WASHINGTON, D. C.—Continued.

Name.	Article.	Amount.
Ernest Betz.....	Incubators.....	\$170.00
C. R. Edmonston.....	Filter tubes.....	6.00
Do.....	Agate pot.....	1.60
Do.....	Jugs.....	1.44
Mackall Bros.....	Desiccators, plates.....	3.20
Do.....	Filters, violet methyl.....	24.14
Do.....	Ether.....	15.00
R. C. Ballantyne.....	Labels.....	2.25
Peoples' Pharmacy.....	Rubber gloves.....	1.50
Eimer & Amend.....	Thermometer regulators.....	4.05
Do.....	Benzol, benzine.....	4.70
Do.....	Sodium sulphate.....	7.00
A. H. Thomas Co.....	Distilling flasks.....	2.84
Barrett Manufacturing Co.....	Flasks.....	9.28
Do.....	Furnishing and laying floor (ceramic).....	29.00
W. S. Hutchinson.....	Plastering.....	7.00
W. H. Lacy.....	Laboratory supplies.....	17.76
A. H. Thomas Co.....	Oil.....	25.00
Do.....	Carbolic acid.....	5.00
E. G. Schafer & Co.....	Plumbers' supplies.....	41.10
Hugh Reilly.....	Glass.....	1.14
Do.....	do.....	1.20
Bausch & Lomb Optical Co.....	Sulphuric acid.....	5.62
Do.....	Chemicals.....	1.16
Do.....	Flasks, etc.....	4.44
Do.....	Lens paper, cylinders, e. c.....	3.34
Do.....	Cylinders, etc.....	2.60
Z. D. Gilman.....	Rubber stoppers.....	3.65
Do.....	Calcium carbona e.....	.24
Eimer & Amend.....	Roach paste.....	.20
Do.....	Cedar oil.....	2.20
Do.....	Parchment paper.....	5.70
Bausch & Lomb Optical Co.....	Chemicals.....	4.15
Do.....	Laboratory supplies.....	16.02
Mackall Bros.....	do.....	9.15
Do.....	Cotton.....	5.00
Do.....	Vials, corks.....	32.50
Do.....	Drug supplies.....	18.33
Do.....	do.....	36.75
Max Worcher & Son.....	Mercury.....	3.75
A. L. Moore.....	Drug sundries.....	7.62
Eimer & Amend.....	do.....	2.99
Do.....	Side line.....	5.00
Bausch & Lomb Optical Co.....	Photographic supplies.....	13.50
Do.....	Bottles.....	4.00
Do.....	Potassium.....	1.00
F. A. Schmidt.....	Fermentation tubes.....	8.98
T. Somerville & Sons.....	Labels.....	.60
E. G. Schafer & Co.....	Paraffin.....	2.15
Dulin & Martin.....	Glass covers.....	12.40
Eimer & Amend.....	Brushes, paint.....	7.88
Do.....	Pipe.....	1.33
Whitall Tatum Co.....	Lead bend.....	1.08
E. S. Schmidt.....	Coffee pot.....	.36
Z. D. Gilman.....	Gelatin.....	1.55
Do.....	Acetons.....	.60
Whitall Tatum Co.....	Beakers.....	15.39
J. Bishop & Co.....	White rats.....	3.00
Mackall Bros.....	Epicaricin.....	.10
Do.....	Syringes.....	2.55
Bausch & Lomb Optical Co.....	Lime.....	.80
F. A. Schmidt.....	Bulbs.....	1.10
Z. D. Gilman.....	Platinum wire.....	1.53
Do.....	Chloroform.....	4.20
Whitall Tatum Co.....	Chloroform and cotton.....	1.45
J. Bishop & Co.....	Cedar oil.....	6.20
Mackall Bros.....	Ink, pencil pointers.....	1.88
Do.....	Tarola.....	5.75
Bausch & Lomb Optical Co.....	Belladonna.....	.05
F. A. Schmidt.....	Trocator and canula.....	2.45
Z. D. Gilman.....	Swing for typewriter.....	4.50
Do.....	Corn.....	1.30
Do.....	Plumbago dome.....	1.50
Library Bureau.....	Wire baskets.....	3.00
W. M. Galt & Co.....	Envelopes.....	43.00
Buffalo Dental Manufacturing Co.....	Thermometers.....	1.34
J. W. Barker.....	Microscopic slides.....	4.86
G. E. Howard.....	Oil of cypress.....	.65
The Emil Greiner Co.....	Methylene blue.....	3.45
A. H. Thomas Co.....		
Z. D. Gilman.....		
Eimer & Amend.....		

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

LABORATORIES AND LIBRARY, WASHINGTON, D. C.—Continued.

Name.	Article.	Amount.
Mackall Bros.....	Rubber tubing.....	\$2.16
Do.....	Cotton.....	2.00
Do.....	Borax.....	.18
Do.....	Cotton.....	2.00
Do.....	Sodium hydroxide.....	.43
Bausch & Lomb Optical Co.....	Camphor and ammonia.....	1.42
S. Kann & Sons.....	Toweling.....	1.88
The Emil Greiner Co.....	Thermometers.....	1.34
E. Morrison Paper Co.....	Bands.....	.75
A. H. Thomas Co.....	Azure.....	2.50
W. M. Galt & Co.....	Oats.....	46.00
A. H. Thomas Co.....	Flasks.....	6.82
Whitall Tatum Co.....	Corks.....	3.15
Bausch & Lomb Optical Co.....	Repair to thermometer.....	2.50
Do.....	Pans, glass.....	1.30
Do.....	Test tubes.....	5.27
Do.....	Xylool.....	.90
Do.....	Squares.....	12.40
Do.....	Potassium hydroxide.....	.42
Mackall Bros.....	Cotton.....	2.00
Hugh Reilly.....	Glass.....	.84
Mackall Bros.....	Cotton.....	1.45
The Emil Greiner Co.....	Burettes.....	2.50
Z. D. Gilman.....	Salol.....	1.75
Do.....	Rubber gloves.....	1.70
Do.....	Needles for syringe.....	1.20
Bausch & Lomb Optical Co.....	Copper gauze.....	.75
Do.....	Bottles.....	.88
Do.....	Gas regulators.....	3.60
Do.....	Boric acid.....	.80
Do.....	Cocaine hydroxide.....	1.93
Mackall Bros.....	Tube brushes.....	4.83
Do.....	Rubber tube.....	2.16
Do.....	Flasks, borax.....	1.12
Eimer & Amend.....	Alcohol.....	4.10
G. E. Howard.....	Repairs to typewriter.....	14.80
Whitall Tatum Co.....	Ground agar.....	1.80
Mackall Bros.....	Vaccine envelopes.....	43.00
Bausch & Lomb Optical Co.....	Flasks.....	1.31
Do.....	Cotton.....	2.00
Do.....	Sharpening knife.....	.75
Barber & Ross.....	Paraffin, etc.....	2.89
F. A. Schmidt.....	Clamps.....	1.18
A. H. Thomas Co.....	Gas jet heaters.....	1.50
W. M. Galt & Co.....	Bristol board.....	5.40
Mackall Bros.....	Slides.....	4.86
Z. D. Gilman.....	Corn.....	1.30
Do.....	Filters.....	8.56
Library Bureau.....	Rubber gloves.....	3.75
Woodward & Lothrop.....	Needles for syring.....	1.50
Eimer & Amend.....	Cards.....	7.00
Do.....	Linen.....	2.00
W. M. Galt & Co.....	Filter paper.....	2.60
A. H. Thomas Co.....	Alum.....	.80
R. P. Andrews Paper Co.....	Oats.....	46.00
Eimer & Amend.....	Flasks.....	2.22
Bausch & Lomb Optical Co.....	Paste.....	2.25
Do.....	Ground agar.....	1.80
A. H. Thomas Co.....	Test tubes.....	5.32
Imperial Mail Case Co.....	Xylool.....	2.25
Bausch & Lomb Optical Co.....	Flasks.....	.90
Do.....	Cases.....	5.00
E. Morrison Paper Co.....	Cylinders.....	2.25
The Emil Greiner Co.....	Crucible tongs.....	.81
Mackall Bros.....	Paraffin.....	1.00
Do.....	Cedar oil, bottles.....	7.03
G. E. Howard.....	Denison's labels.....	1.25
Whitall Tatum Co.....	Thermometers.....	6.50
J. Bishop Co.....	Rubber tube.....	2.16
J. T. Walker & Son.....	Ether.....	3.36
Ernest Betz.....	Orange G. dry.....	.90
W. M. Galt & Co.....	Peptone.....	5.00
	Repairs to automatic microtome.....	15.00
	Envelopes.....	43.00
	Rubber bulbs.....	.44
	Platinum wire.....	7.76
	Lime.....	.85
	Repair to incubator.....	5.00
	Oats.....	46.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

LABORATORIES AND LIBRARY, WASHINGTON, D. C.—Continued.

Name.	Article.	Amount.
F. A. Schmidt.	Ink.	\$0.98
A. H. Thomas Co.	Porcelain mortars.	.44
J. S. Topham.	Leather bag.	10.00
Standard Oil Co.	Oil.	1.75
M. Du Perow.	Desk fans.	25.45
Bausch & Lomb Optical Co.	Scissors, scalpels.	9.42
Do.	Microscope.	117.85
Do.	Formald, glass.	4.08
Do.	Crucibles.	15.04
Do.	Jars, needles, forceps.	8.77
Do.	Platinum spatulas.	14.07
Do.	Ammonium hydroxide.	2.63
Do.	Incubator.	85.00
Z. D. Gilman.	Rubber gloves.	0.75
Eimer & Amend.	Ground agar.	3.70
Mackall Bros.	Cotton.	2.00
Do.	Bottles, filters.	14.04
Do.	Drug sundries.	4.03
Do.	do.	6.90
A. H. Thomas Co.	Chloroform.	4.20
Do.	Laboratory apparatus.	1.93
Max Worcher & Son.	do.	50.74
W. S. Sheets.	Surgical needles.	.35
Plankinton Packing Co.	Photographic supplies.	23.90
Holtzer-Cabot Electric Co.	Hogs, tuberculin test.	23.90
A. H. Thomas Co.	Horsepower motor.	58.36
Do.	Earthen tops.	3.00
Spencer Lens Co.	Microscope.	51.30
Whitall Tatum Co.	Slides.	9.72
Do.	Microtome.	62.25
The Emil Greiner Co.	Test tubes.	8.13
E. Morrison Paper Co.	Steam sterilizer.	11.00
A. H. Thomas Co.	Pipettes, burette.	5.31
Barber & Ross.	Fountain pens.	8.00
Library Bureau.	Incubators and freight.	37.85
M. Du Perow.	Asparagus boiler.	2.25
A. H. Thomas Co.	Cards.	24.25
Yawman & Erbe Manufacturing Co.	Desk fan.	9.60
E. S. Schmidt.	Flasks.	4.26
Library Bureau.	Indicators.	7.50
Carl Zeiss.	White rats.	2.00
E. Morrison Paper Co.	Cards.	19.00
F. A. Schmidt.	Repairs to microscope.	2.52
Eimer & Amend.	Index boards.	7.50
Yawman & Erbe Manufacturing Co.	Ink.	.69
Bausch & Lomb Optical Co.	Ground azure.	9.00
F. A. Schmidt.	Guides.	9.50
Bausch & Lomb Optical Co.	Gas regulator.	9.30
Do.	Bristol boards.	5.40
F. A. Schmidt.	Xylol, cedar oil.	4.46
Bausch & Lomb Optical Co.	Circles.	3.60
F. A. Schmidt.	Thumb tacks.	1.65
E. Morrison Paper Co.	Index board.	7.50
W. B. Moses & Sons.	Rug.	3.15
Do.	Linoleum.	2.00
F. A. Schmidt.	Pencils and paper.	7.45
Mackall Bros.	Hydrogen dioxide.	1.32
D. F. Parker.	Hotchkiss stapling machine.	1.80
Rudolph & West Co.	Buckets.	.95
Bausch & Lomb Optical Co.	Petri dishes.	7.65
Library Bureau.	Folders.	3.50
Mackall Bros.	Rubber gloves.	2.01
G. P. Killian Co.	Envelopes.	3.00
E. Morrison Paper Co.	Index roll.	7.50
Z. D. Gilman.	Lysol soft soap.	4.90
Barber & Ross.	Asparagus steamer.	1.00
A. H. Thomas Co.	Sodium carbonate.	.60
E. J. Pullman.	Kodak and case.	21.50
Carl Zeiss.	Repairs to microscope.	31.65
F. A. Schmidt.	Pen, water color, etc.	5.50
R. P. Andrews Paper Co.	Bates numbering machine.	3.70
Underwood Typewriter Co.	Typewriter and card attachment.	84.50
D. F. Parker.	Sanitary sharpener.	4.00
Bausch & Lomb Optical Co.	Potassium permanganate.	.44
Mackall Bros.	Chemicals.	2.11
Woodward & Lothrop.	Flatiron.	.20
Hammond Typewriter Co.	Paper rest.	.75
Library Bureau.	Cards.	48.00
N. M. Minnix.	Telephone holders.	4.50

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

LABORATORIES AND LIBRARY, WASHINGTON, D. C.—Continued.

Name.	Article.	Amount.
Remington Typewriter Co.	Paragon ribbons.	\$3.00
E. Morrison Paper Co.	Labels.	1.00
Do.	Index cardboard.	3.50
Remington Typewriter Co.	Repairs to typewriter.	5.50
Library Bureau.	Cards.	4.50
Church & Stephenson.	Lumber.	20.00
W. B. Moses & Sons.	Desk and table.	24.75
Woodward & Lothrop	Desk.	14.00
Library Bureau.	Typewriter stand.	15.75
M. Du Perow.	Bulk shade and holder.	1.25
Library Bureau.	Cards.	38.40
M. Du Perow.	Desk fan.	9.60
Marion Dorset.	Culture media.	5.98
Do.	Supplies.	9.82
Do.	Meat, eggs, etc.	10.23
Do.	do.	10.04
Do.	do.	5.79
Do.	do.	11.14
Do.	do.	13.93
Do.	do.	13.69
Do.	do.	17.93
Do.	do.	16.08
Do.	do.	12.95
Do.	do.	14.13
J. R. Mohler.	do.	11.01
Do.	do.	6.07
Do.	Cattle.	100.00
Do.	Meat, eggs, and bread.	5.16
Do.	Cattle.	80.00
Do.	Meat, eggs, and bread.	4.60
Do.	do.	3.66
Do.	do.	7.19
Do.	do.	7.08
Do.	do.	3.70
Do.	do.	4.72
Do.	Calves.	250.00
Do.	Cattle.	66.00
Do.	Calves.	250.00
Do.	Bread, eggs, and meat.	3.04
Do.	Livery.	3.00
B. H. Ransom.	Meat.	1.50
Do.	Meat, eggs, and bread.	3.80
Do.	do.	2.30
Do.	do.	2.45
Do.	do.	1.95
Do.	do.	2.40
Do.	Charcoal, salt.	.60
Do.	Photograph plates.	1.83
Do.	Meat and bread.	.80
T. W. Scott.	Street-car fare.	1.26
F. P. Shea.	Cattle.	80.00
Lewis Keiser.	do.	80.00
M. Shea.	do.	80.00
Lewis Keiser.	do.	60.00
Total.		5,073.97

MEAT INSPECTION.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Abbott, Mary.	\$30.75		Allen, Robt. L.	\$633.33	
Abel, Louis.	1,500.00		Alton, D. R.	900.00	
Adams, E.	540.00		Anderson, M. O.	1,500.00	
Adams, Chas.	815.00		Andress, W. R.	1,400.00	
Adams, J. D.	720.00		Archer, R. J.	600.00	
Adams, N. R.	466.67	\$14.50	Armstrong, T. L.	1,299.99	23.30
Akin, L. C.	900.00		Atherton, I. K.	1,500.00	
Alcorn, H. A.	456.67	13.35	Atherton, O. G.	1,500.00	
Alexander, W. S.	720.00		Atherton, Wm. T.	800.00	
Alexander, T. J.	600.00		Atchison, J. L.	720.00	
Alexander, J. O. W.	900.00		Augspurger, O.	720.00	
Allen, J. S.	720.00		Austin, Jas.	360.00	
Allen, F. T.	303.33		Ayer, Don C.	1,994.45	
Allen, R. M.	486.67		Babson, S. C.	900.00	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Babb, G. F.	\$720.00		Burkard, J.	\$890.00	
Babcock, H. C.	1,050.00		Burnett, D. C.	1,400.00	
Bagnall, J. I.	50.00		Burns, E. J.	720.00	
Bagshaw, K. S.	720.00		Burneson, J. C.	1,216.67	
Bailey, I. H.	720.00		Burrows, W. E.	371.33	
Baker, G. S.	1,800.00	\$178.80	Burson, W. M.	840.00	
Baker, L. R.	1,925.56	3.40	Burt, J. H.	1,173.33	
Baker, E. T.	720.00		Burt, S. W.	1,350.00	
Baldwin, W. A.	745.00		Burton, J. W.	675.00	
Baldwin, Boyd	1,500.00		Bushong, J. A.	720.00	
Balmer, W. M.	1,200.00		Busman, Herman	1,200.00	
Balzer, E.	1,240.56		Busted, H. W.	900.00	
Bark, D. H.	534.00		Butin, G. E.	620.00	
Barnhart, C. W.	1,218.34		Butler, G. W.	1,500.00	
Barr, I. E.	180.00		Butterfass, J. F.	900.00	
Barrett, J. W.	790.00		Byrd, O. W.	900.00	
Barthold, E. W.	637.50		Cady, B. J.	900.00	
Bauman, E. H.	1,200.00		Caldwell, H.	1,500.00	
Baumel, H.	900.00		Caldwell, S. H.	350.00	\$35.65
Beattie, J. G.	617.50		Campbell, D. M.	88.00	
Behnke, A. E.	1,555.56	17.55	Campbell, P. W.	720.00	
Bell, E. W.	667.50		Campbell, C. E.	675.00	
Bender, J. E.	896.67		Canfield, C. H.	1,312.50	
Bender, C. J.	136.00		Cannon, J. R.	12.00	
Benner, W. G.	1,241.67		Cannon, E. C.	675.00	
Bennett, E. B., Jr.	1,200.00	62.10	Carr, J. G.	134.00	
Bennett, S. E.	2,313.89	9.05	Carney, J. W.	900.00	
Benton, W. D.	900.00		Carlton, F. E.	735.00	
Bevelot, C.	674.00		Carle, E. C.	1,200.00	
Berry, W. E.	895.00		Carnachan, T. W.	1,500.00	
Bertram, E. L.	1,500.00		Carriker, F. G.	540.00	
Best, Geo.	525.00		Carroll, J. H.	900.00	
Bibb, A. H.	91.67	10.00	Carter, C.	538.00	
Bibb, A. G.	690.00	10.50	Caspar, G. T.	408.00	
Biggs, A. W.	675.00		Casper, A. M.	1,445.83	
Bigley, C. J.	1,000.00		Castor, Thos.	1,375.00	
Bird, W. N. D.	866.67		Cathel, G. T.	672.50	
Bitner, W. A.	720.00		Caudy, W. M.	720.00	
Blount, S. L.	1,200.00		Chambers, L. M.	150.00	
Blair, J. T.	480.00		Chamberlain, W. E.	720.00	
Blackwell, J. E.	1,500.00	5.75	Chamberlin, C. J.	900.00	
Bone, C. C.	900.00		Chaney, H. B.	1,500.00	
Boone, F. L.	720.00		Chapin, A. C.	900.00	
Borden, J. J.	885.00		Cherrington, K. G.	1,200.00	
Botteron, F. A.	718.00		Cherrington, W. P.	712.50	
Boughner, G. H.	900.00		Chojnacki, M.	720.00	
Bowser, E. B.	306.00		Churchill, W. E.	720.00	
Bower, W. C.	1,200.00		Clark, W. D.	480.00	
Boyce, N. V.	1,408.33		Clark, G. W.	900.00	
Brady, P. J.	1,200.00		Clark, T. G.	675.00	
Braginton, Fredk.	1,500.00		Clancy, J. B.	1,800.00	
Bray, S.	540.00		Coleman, A. T.	1,200.00	
Brattan, J. W.	694.00		Coleman, G. J.	620.00	
Breid, D. W.	720.00		Cloud, J. E.	1,166.66	72.55
Brewer, F. W.	455.00		Cochrane, R. E.	1,400.00	
Broadhurst, R. A.	675.00		Cock, J. H.	1,000.00	
Bromell, G. W.	675.00		Cohen, W. L.	1,200.00	
Brooks, J. E.	720.00		Coles, Richman	752.50	
Broughtham, J. J.	1,800.00		Collins, S. E.	720.00	
Browning, G. W.	1,166.66		Colson, C. F.	600.00	
Brown, H. E.	1,500.00		Conner, D. W.	718.00	10.00
Brown, J. W.	720.00		Conoyer, Chas.	1,000.00	
Brown, G. S.	720.00		Conway, W. T.	1,100.00	
Brown, V. L.	579.00		Cooper, C. M.	900.00	
Brown, A. S.	184.00		Cooper, D. G.	1,125.00	
Boynton, T. H.	84.00		Cooper, W. R.	1,500.00	
Bruette, Wm.	950.00		Cooper, J. D.	1,200.00	
Bruton, A. R.	900.00		Corbett, C. M.	720.00	
Bryant, S. S.	390.00		Condon, Jas.	540.00	
Bryant, W. C.	720.00		Conley, C. C.	1,180.83	40.75
Buffington, R. M.	200.00		Covington, P. C.	540.00	
Bugbee, C. H.	1,500.00		Craig, Perry.	48.00	
Bullock, A. D.	1,200.00		Cramer, C. F.	825.00	
Bundy, E. A.	300.00	29.25	Crandall, W. W.	675.00	
Burdick, H. D.	900.00		Crawford, W. S.	1,000.00	
Burgess, Wm.	647.50		Crowley, J. J.	150.00	
Burgess, J. L.	825.00		Croft, V. F.	600.00	
Burke, G. C.	900.00	6.07	Crossman, E. A.	1,396.12	
Burke, H.	410.00		Cunningham, N. G.	706.00	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Cunningham, B.	\$675.00		Foster, W. M.	\$515.00	
Curtis, C. J.	900.00		Foster, J. V.	296.67	
Dalzell, H. H.	719.00	\$7.95	Fotheringham, Wm.	1,388.33	
Dammann, F. A.	502.00		Fowkes, A.	900.00	
Danaher, W. E.	480.00		Fox, Jacob.	900.00	
Darling, Robt.	1,500.00	181.00	Fox, William.	720.00	
Dauncey, F. C.	73.33	6.60	Franklin, G. A.	900.00	
Davenport, M. L.	1,186.67		Frantz, W. A.	897.50	\$6.60
Davies, C. H.	750.00		Freeman, H. D.	675.00	
Day, L. Enos.		35.78	Frick, W. C.	735.00	
Day, C. M.	1,125.00		Frisch, David.	892.50	
De Laney, J. V.	120.00		Froyd, Wm.	360.00	
De Ronde, J. D.	1,400.00		Fugit, T. R.	684.38	
De Wolf, F. L.	1,500.00		Gallagher, B. A.	1,396.11	
Dean, A. K.	693.34		Gallagher, J. J.	400.00	24.25
Dell, H. H.	1,356.67	8.55	Games, M. W.	900.00	
Dietsrich, E.	1,200.00		Gardner, Jas.	890.00	
Dill, Robt.	900.00		Garlick, W. B.	900.00	
Dillingham, W. I.	1,412.49		Garrison, J. J.	900.00	
Dishong, G. M.	490.00		George, H. H.	1,600.00	
Ditewig, Geo.	1,600.00	10.95	Gerrish, J. L.	900.00	
Dowd, E. P.	1,500.00		Gibbs, W. H.	1,200.00	
Doyle, W. J.	900.00		Gibson, L. O.	179.66	
Doane, W. E.	212.00		Gilbert, N. O.	840.00	
Drake, F. B.	1,200.00		Gilchrist, W. D.	970.00	
Dreyer, L. S.	862.50		Gillies, D. R.	1,400.00	
Due, Immanuel	908.34		Giltner, L. T.	13.33	
Dufficy, J. J.	900.00		Gilmore, F. J.	720.00	
Durfee, C. O.	1,166.66	2.57	Gjertson, A. G.	660.00	
Durkee, J. R.	720.00		Glover, E. K.	720.00	
Dyson, O. E.	625.00		Gobble, Wash.	675.00	
Eagle, A. F.	136.67		Goebel, F. J.	840.00	
Eagle, J. G.	1,171.67		Goff, W. M.	1,200.00	
Eagle, R. F.	891.11	232.35	Good, J. M.	793.33	
Eagle, W. W.	170.00		Gordon, W. M.	1,140.00	
Eastman, J. O.	608.00		Gove, A. W.	540.00	
Ebling, J. W.	674.00		Grable, Hiram.	622.00	
Eckl, Wm.	1,400.00		Grady, M. P.	900.00	
Edinger, H. L.	720.00		Graham, R.	896.67	
Edmond, C. S.	716.00		Graham, E. A.	675.00	
Edsall, H. M.	187.50		Granger, Dighton.	900.00	3.02
Eichstaedt, J. J.	900.00		Grant, G. K.	720.00	
Ellenberger, W. P.	1,000.00	109.00	Gray, Robt.	660.00	
Elliott, C. L.	1,200.00		Greene, T. T.	1,500.00	
Elliott, E. F.	153.00		Green, L. K.	1,500.00	
Elliott, J. A.	472.00		Gregory, M.	1,196.67	
Elmer, Chas.	885.00		Griffen, P. H.	480.00	
Elwell, F. N.	900.00		Grover, Jno. S.	1,125.00	
Everett, A. T.	287.50		Grubbs, Geo.	120.00	
Everly, O. W.	1,400.00		Grundy, G. G.	1,400.00	
Ewing, F. A.	900.00		Hagemann, L. C.	720.00	
Ewing, J. L.	570.00		Haggerty, J. J.	900.00	
Fahrenbach, F. A.	825.00	10.05	Hall, Jos.	720.00	
Farley, A. J.	1,100.00		Hall, W. E.	900.00	
Farley, D. S.	750.09		Halbisch, Harry.	310.00	
Farley, M. A., jr.	80.00		Hand, E. O.	188.00	
Farrington, A. M.	1,375.00	70.99	Hansen, Thos.	900.00	
Faulder, E. T.	720.00		Hanton, G. T.	900.00	
Faunce, A. L.	800.00	7.50	Harper, E. A.	708.00	
Fegley, N. K.	1,500.00		Harpst, Wm.	675.00	
Feighner, J. E.	900.00		Harris, A. E.	900.00	
Fenstermacher, L. S. A.	720.00		Harrington, C. F.	236.00	
Fess, F. J.	1,175.00		Harrison, R. H.	1,495.83	
Fila, Frank.	877.50		Hart, Jas.	70.00	
Fink, J. W.	570.83		Hart, J. E.	718.00	
Fisher, W. H.	720.00		Hart, C. P.	13.33	
Fitzgerald, J. N.	558.34		Hartwell, C. K.	840.00	
Fitzpatrick, A. C.	1,400.00		Haskett, Bert.	675.00	
Flanagan, J. A.	88.00		Hattery, Morton.	360.00	
Fleming, Jas.	1,258.34	10.70	Hawkins, J. H.	720.00	
Fletcher, G. C.	720.00		Hawley, H. W.	1,491.67	
Flora, J. D.	900.00		Hays, D. S.	1,400.00	
Flynn, W. T.	900.00		Haynes, J. R.	238.00	
Foley, Jas.	720.00		Healy, F. A.	885.00	
Folts, J. H.	134.00		Hela, Hannes.	1,197.77	
Forbes, R.	718.00		Helvey, O. W.	718.00	
Forbes, W. A.	900.00		Heldring, J. J. L.	1,200.00	
Ford, Jas.	900.00		Henderson, E. P.	926.67	
Ford, A. W.	694.00		Hendricks, F.	735.00	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Henry, P. C.	\$720.00		Kenneally, J. S.	\$900.00	
Herrick, H. G.	908.34		Keppel, Jno.	1,225.00	
Herlinger, F. H.	900.00		Ketchum, F. D.	1,600.00	
Herrold, C. H.	1,200.00		Kickbusch, Frank.	230.00	\$4.80
Herron, F. P.	900.00		Kidder, Julius.	825.00	
Herriman, Jas.	900.00		King, J. L.	900.00	
Hersey, W. H.	135.00		Kling, M. H.	900.00	
Hess, O. B.	1,600.00	\$81.55	Knee, I. F.	900.00	
Hewett, R. W.	441.67		Knippie, R. G.	900.00	
Hewson, Geo.	334.00		Knorr, G. W.	1,200.00	
Hicks, H. H.	233.33	30.50	Knowles, A. T.	1,196.67	
Hickey, W. P.	600.00		Keyser, C. T.	120.00	
Hiller, C.	900.00		Knox, H. H.	538.00	
Hirleman, A. L.	1,200.00		Kochanowski, R.	665.00	
Hoberg, Jno.	900.00	5.60	Koen, J. S.	720.00	
Hoerner, G. J.	900.00		Koen, A. R.	900.00	
Hogan, E. P.	900.00		Koontz, G. W.	900.00	
Hollenbeck, J. B.	1,400.00		Kostal, Anton.	618.33	
Holm, R. E.	1,200.00		Krowl, I. N.	1,357.22	
Hollis, A. B.	1,193.33		Lace, Isabella.	150.00	
Hope, J. G.	1,495.83		Laird, E. E.	720.00	
Hood, H. B.	900.00		Lanigan, O. J.	1,600.00	
Hopper, J. B.	1,495.83		Lauck, E. C.	900.00	
Hornlein, Otto.	348.00		Lavery, W. F.	1,300.00	
Hostetler, A.	1,200.00		Lawrence, H. L.	543.33	
Hoswell, F. H.	564.00	3.00	Lawson, J. M.	367.50	9.15
Houck, U. G.	1,800.00	746.92	Leary, J. W.	525.30	
Hougendobler, J. J.	1,050.00		Leddy, Thos.	840.00	
Howard, De L.	675.00		Leeper, R. B.	1,400.00	
Howe, W. E.	1,516.67		Leismann, Jacob.	720.00	
Howes, Benjamin.	1,250.00	11.02	Leighton, O. L.	850.00	
Hoyle, S. R.	900.00		Lee, A. J.	727.00	
Hubbard, H. F.	614.00		Leland, II.	900.00	
Huelsen, Julius.	1,600.00		Lentz, E. S.	712.00	
Huey, C.	720.00	8.65	Lewis, W. K.	1,200.00	
Hughes, D. A.	816.67		Libby, T. M.	900.00	
Hughes, J. F.	720.00		Licking, L. A.	1,000.00	9.05
Humphrey, M. E.	900.00		Lincoln, W. B.	1,500.00	
Hunter, T. A.	480.00		Lint, H. M.	402.50	
Hutchinson, C. B.	825.00		Lint, M. C.	1,200.00	
Hyde, Andrew.	1,400.00		Lipp, G. A.	400.00	19.50
Hynes, W. R.	1,408.33		Logan, A. H.	1,200.00	
Irons, G. T.	1,500.00		Loman, Fred.	660.00	
Irving, Artemus.	825.00		Long, A.	1,500.00	
Isaac, Moses.	1,200.00		Long, E. G.	5.00	
Ivers, Robt.	606.00		Lovejoy, J. E.	900.00	
Jackson, Edgar.	445.00		Loveberry, C.	1,500.00	2.20
Jackson, R. E. L.	1,408.33		Lowe, J. H.	1,000.00	
Jacobs, H. C.	900.00		Lowe, C. D.	240.00	
Jacobson, Jno.	900.00		Luce, E. B.	583.34	
Jacqua, G. E.	600.00		Luks, A. E.	1,206.67	
Jay, Robt.	1,400.00		Lundell, A. O.	1,050.00	
Jeffrey, J. G.	720.00		Luepke, J. F.	900.00	
Jelen, Frank.	1,150.00		Lyle, H. S.	532.00	
Jenison, J. S.	480.00		Lytle, G. A.	1,016.67	
Jenkins, Wm.	660.00		Lyman, R. E.	900.00	
Jerome, H.	900.00		Lynch, J. E.	606.00	
Jerome, Geo.	1,229.45		Lynch, Dan.	718.00	
Jewell, J. V.	123.33		McCabe, Geo. P.	64.36	
Johnson, H. C.	900.00		McBride, A.	1,500.00	
Johnson, G. A.	1,600.00	7.73	McCray, W. E.	270.00	
Johnston, C. A.	750.00	22.60	McCann, Jno.	720.00	
Johnston, Jas.	150.00	21.09	McCrraith, D. L.	714.00	
Jones, T. H.	637.50	2.75	McClure, J. H.	675.00	6.35
Jones, T. A.	1,196.67		McCurdy, F. C.	1,500.00	
Jones, G. S.	840.00		McClelland, R. L.	1,380.55	
Jordan, C. N.	660.00		McCarthy, T. A.	13.33	
Jordan, J. F.	825.00		McDonald, D.	890.00	
Joss, E. C.	1,210.01		McDonald, Jas.	695.00	
Jost, August.	720.00		McEacharn, Wm.	1,000.00	
Justinger, M.	696.00		McFarland, A. J.	487.50	
Kampschmidt, F. L.	600.00		McFarland, C. M.	1,400.00	
Kanstrooroon, D. E.	1,396.12		McGuire, W. R.	900.00	
Kane, J. S.	906.66		McGill, J. L.	900.00	
Keleher, W. J.	76.00		McHugh, W. O.	1,400.00	
Keliner, A. F.	720.00		McKay, Wm.	720.00	
Kelly, R. L.	641.67		McKane, F. J.	414.00	
Kelly, J. S.	1,500.00		McKibbin, J. A.	718.00	
Kelly, J. F.	672.50		McKinstry, Chas. T.	652.00	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
McKeown, T. H.	\$1,006.67		Myers, M. J.	\$10.00	
McLaughlin, P. S.	720.00		Naughton, M. T.	825.00	
McLeland, T. A.	900.00		Neff, G. W.	210.00	
McPartland, P. J.	735.00		Neil, W. N.	1,500.00	
McSweeny, A.	257.50		Neil, W. F.	720.00	
Mabie, T. A.	200.00		Nelson, Jean I.	450.00	\$12.50
Mack, W. B.	400.00		Nelson, J. F.	607.50	
Mackut, F.	900.00		Newlove, H. S.	68.75	13.35
Madden, M. J.	675.00		Newman, B. E.	900.00	1.00
Madsen, W. E.	1,200.00		Newton, H. L.	375.00	
Madden, J. A.	900.00		Newton, H. M.	1,050.00	
Madsen, Jens	1,400.00		Niles, E. P.	1,203.34	
Mader, A.	890.00		Niven, A. B.	1,225.00	
Magee, M.	872.50		Nolte, M. J. P.	450.00	
Mahoney, A. A.	900.00		Noonan, Thos.	872.50	
Mahana, R. M.	900.00		Norris, C. L.	222.00	8.00
Mahoney, F. B.	900.00		Nowlan, F. P.	900.00	
Mahon, Jas.	1,225.00		O'Brien, Terence	662.50	
Maloney, A. J.	13.33		O'Keefe, M.	900.00	
Manny, A. M.	770.00		O'Malley, J. J.	1,000.00	
Markert, Geo.	675.00		O'Neill, F.	310.00	
Marshall, G. O.	900.00		Oldham, J. S.	735.00	
Marshall, Henry	1,030.00		Olmsted, O. E. G.	900.00	
Martins, A. F.	1,500.00		Olson, F. G.	120.00	
Massie, J. C.	222.50	\$35.65	Orme, F. W.	360.00	
Mattatall, I. C.	1,108.33		O'Rourke, A. J.	900.00	
Maxwell, G. E.	720.00		O'Rourke, E. L.	480.00	
Maxon, A. T.	720.00		Oshel, T. W.	900.00	
Maxson, R. Y.	720.00		Otis, G. M.	1,200.00	
Mead, R. N.	1,408.33		Otterman, J. L.	1,500.00	
Meade, A. M.	720.00		Owens, Irwin	1,200.00	
Meadors, W. H.	1,412.49		Overton, F. C.	570.00	
Melvin, O. E.	568.00		Paden, C. W.	108.00	
Metzger, Michael	720.00		Pagle, C. W., Jr.	450.00	
Meyers, G. W.	720.00		Paine, Phelps	1,000.00	
Meyer, C. W.	336.00		Painter, G. D.	1,400.00	
Miller, A. E.	675.00		Palmer, C. F.	1,500.00	
Miller, Chester	1,375.00		Parkerson, C. A., Jr.	1,200.00	
Miller, E. H.	50.00		Partlan, T. S.	1,193.34	
Miller, H. L.	120.00		Patton, D. W.	1,487.50	
Miller, Joshua	1,491.66	4.48	Paul, A.	1,200.00	
Miller, M. B.	1,500.00		Payne, A. J.	660.00	
Miller, S. H.	720.00		Payne, J. I.	900.00	
Miller, T. C.	720.00		Payton, J. B.	720.00	2.35
Milner, C. A.	718.00	6.80	Paxson, H. D.	1,500.00	
Mills, N. K.	20.00		Pearce, C. E.	720.00	17.75
Mills, W. D.	197.50		Pepperman, A. N.	900.00	
Miner, G. H.	123.33		Perkins, C. A.	1,196.67	
Mitchell, W. C.	1,146.67		Perry, M. T.	1,400.00	
Mohler, J. R.		117.19	Persells, H. V.	900.00	
Molloy, J. J.	900.00		Peterson, S. P.	180.00	
Montague, J. W.	1,400.00		Pew, C. S.	1,000.00	
Moon, R. K.	720.00		Philpot, C. W.	1,000.00	
Moore, C. E.	720.00		Pickett, Theo	720.00	8.60
Morgan, P.	675.00		Pidcock, W. S.	845.84	11.75
Morrow, C. J.	540.55		Pilchard, M. R.	716.00	
Morley, Henry	900.00		Pinkerton, H. E.	896.67	
Morrison, Mary	360.00		Pistor, A. J.	33.33	14.25
Morrison, R. J.	1,408.33		Platt, D. S.	720.00	
Morse, C. H.	908.34		Pollitt, F. E.	930.00	
Morse, A. B.	1,279.16		Potts, Jno.	240.00	
Moss, C. E.	718.00		Pote, T. B.	692.23	
Mowrer, W. E.	900.00		Potter, J. E.	196.00	
Mullowney, P. H.	125.00		Potratz, H. F.	956.66	
Muldoon, W. J.	143.33		Porterfield, J. C.	234.00	
Munn, J. E.	900.00		Powell, N. C.	1,400.00	
Munn, Jno.	840.00		Price, J. O. F.	1,500.00	
Muncy, S. G.	352.00	5.06	Proudfoot, Wm.	412.50	13.00
Murphy, M. J.	1,200.00		Purcell, J., Jr.	885.00	
Murphy, W. H.	720.00		Pew, I. W.		56.89
Murphy, T. C.	7.50		Quinn, P. E.		
Murphy, B. W., Jr.	1,500.00		Quinn, Matew	900.00	
Murphy, W. J.	1,500.00		Quirk, M. J.	450.00	
Murphy, Jno.	670.00		Raban, R. M.	1,200.00	29.10
Murphy, Jas. A.	675.00		Raffensperger, H. B.	718.00	
Murray, M. M.	375.00		Rapp, C. A.	233.33	
Musser, R. C.	1,200.00		Raque, C. A.	1,203.34	
Myer, Elisha	1,200.00		Rarey, M. J.	735.00	
Myers, W. A.	256.66	5.40	Reid, J. C.	720.00	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Reidy, J. B.	\$1,216.67	.....	Simpson, J. R.	\$897.50	.....
Reinsch, G. J.	900.00	.....	Skidmore, D. I.	556.67	\$6.00
Repp, G. E.	1,200.00	\$10.55	Skinner, J. K.	90.00	.....
Richards, A. H.	720.00	3.25	Skinner, W. H.	713.00	.....
Richardson, A. G. G.	1,200.00	5.30	Skrable, F. L.	100.00	.....
Richardson, J. H.	842.50	.....	Slee, J. G.	1,025.00	.....
Richmond, X. I.	816.67	.....	Sloan, J. A.	1,283.34	.....
Rieman, H. L.	900.00	.....	Sloat, Henry	92.00	.....
Rieman, J. J.	600.00	.....	Smart, J. J.	1,200.00	.....
Rietz, J. H.	1,183.33	14.95	Smith, H. A.	480.00	.....
Riley, F. C.	12.00	.....	Smith, H. M.	1,500.00	.....
Risley, S. A.	900.00	.....	Smith, Philip	890.00	.....
Rishel, A. E.	1,425.00	.....	Smith, S. T.	825.00	.....
Ritman, W. H.	300.00	.....	Smith, T. M.	518.00	.....
Rivers, G. W.	714.00	.....	Smith, W. A.	570.00	.....
Robbins, J. W.	720.00	.....	Smith, W. H., jr.	1,200.00	.....
Roberts, E. S.	718.00	.....	Snell, J. W.	712.00	.....
Roberts, J. B.	134.00	.....	Snyder, Alva	610.00	.....
Roberts, S.	457.50	.....	Snyder, O. W.	1,500.00	.....
Robertson, J. T.	540.00	.....	Snyder, Rudolph	1,100.00	.....
Robinson, L. A.	1,250.00	32.15	Somers, J. P.	900.00	.....
Robinson, Matt.	900.00	.....	Sommers, J. M.	900.00	.....
Roe, J. F.	1,092.23	.....	Sommers, Jno.	840.00	.....
Rogers, B. R.	1,392.22	4.85	Sorensen, N. C.	1,725.55	3.85
Rohrer, L. S.	718.00	.....	Sowers, S. S.	900.00	.....
Roome, Henry	1,497.92	.....	Sparhawk, W. T.	1,408.33	.....
Rosekrans, W. R.	1,200.00	.....	Spencer, C. G.	480.00	.....
Rowse, C. W.	900.00	.....	Stafford, J. R.	720.00	.....
Rucker, J. T.	26.00	.....	Steddom, R. P.	2,250.00	220.21
Rue, E. E.	900.00	.....	Steel, J. M.	718.00	.....
Russell, F. S.	92.00	.....	Stephens, R. A.	240.00	.....
Russell, G. H.	412.50	.....	Stephens, E. E.	900.00	.....
Ryan, J. J.	675.00	.....	Stevens, F. L.	1,187.50	.....
Ryder, H. R.	1,250.00	32.80	Stewart, W. J.	762.50	.....
Ryder, J. F.	2.00	.....	Stewart, C. A.	1,196.67	.....
Salmon, D. E.	76.33	.....	Stingley, O. A.	1,216.67	.....
Samuel, A. A.	278.00	.....	Stone, G. W.	12.00	.....
Sappington, M. A.	900.00	.....	Stouder, K. W.	140.00	.....
Sargent, L. E.	300.00	8.50	Stubbs, S. C.	720.00	.....
Sarsfield, J. W.	672.50	.....	Stumpf, L. N.	900.00	.....
Sauer, Theo	240.00	.....	Stuart, J. T.	1,200.00	.....
Saunders, W. H.	900.00	.....	Sturtevant, H. S.	84.00	.....
Sawtell, J. E.	900.00	.....	Sturges, F. P.	1,400.00	.....
Schafer, C. K.	300.00	21.25	Sullivan, Jos.	720.00	.....
Schaffter, E. P.	1,600.00	48.14	Sutherland, Geo.	900.00	.....
Schapp, H.	720.00	.....	Suit, F. T.	1,400.00	.....
Schauer, H.	895.00	.....	Sutton, C. G.	718.00	.....
Schaufler, C. A.	1,800.00	.....	Swedberg, A. W.	1,500.00	.....
Schibsby, L.	601.00	.....	Teeter, H. F.	60.00	.....
Schlytter, H. R.	480.00	.....	Teter, G. W.	516.00	.....
Schmidt, C. J.	900.00	.....	Thackaberry, J. J.	1,500.00	.....
Schroeder, Frank	675.00	.....	Thomas, R. H.	1,383.34	.....
Schroeder, G. H.	720.00	.....	Thompson, H. Q.	1,000.00	.....
Shuman, Chas.	820.00	.....	Thomas, Reginald	1,200.00	.....
Scott, A. R.	900.00	.....	Tierney, D. D.	540.00	.....
Scott, T. W.	1,500.00	.....	Timmons, W. H.	860.00	.....
Scott, R. L.	720.00	.....	Timmerman, H. J.	1,225.00	.....
Scranton, C. S.	110.00	.....	Tunstall, Jennie	600.00	.....
Selby, S. A.	1,200.00	.....	Tippett, W. T.	900.00	.....
Sevenster, Jno.	1,200.00	.....	Trainer, Jno.	900.00	.....
Shale, H. L.	900.00	.....	Traum, Jacob	933.33	.....
Shale, S. C.	900.00	.....	Travers, F. P.	720.00	.....
Shannon, J. D.	900.00	.....	Trees, O. P.	266.00	.....
Shannon, J. W.	900.00	.....	Treman, H. B.	917.77	.....
Sharp, Guy A.	825.00	.....	Trenbeth, W. B.	804.99	2.75
Shatzell, H. A.	720.00	.....	Troughton, J. E.	696.00	.....
Shaw, Silas L.	1,383.34	.....	Tuck, R. W.	1,170.83	11.50
Shea, Thos.	720.00	.....	Tufts, F. S.	320.83	.....
Shelton, J. E.	720.00	.....	Turnbull, Robt.	1,500.00	.....
Shepherd, R. C.	542.50	.....	Turner, A. J.	396.00	.....
Shipley, T. A.	1,500.00	.....	Turner, J. M.	900.00	.....
Shipp, F. L.	720.00	.....	Tourtellotte, S. H.	1,000.00	.....
Shortridge, L.	720.00	.....	Ulmer, H. C.	720.00	.....
Shumway, D. G.	1,500.00	.....	Upton, W. L.	337.50	9.25
Siegmund, Wm. C.	1,500.00	4.45	Valentine, S. I.	690.00	4.25
Siggins, E. L.	125.00	.....	Van Allstyne, W. C.	103.34	.....
Sigrist, F. C.	720.00	.....	Vance, I. N.	908.34	.....
Simcocke, J. O.	266.67	.....	Vandervoort, C.	840.00	.....
Simpson, F. L.	900.00	.....	Volgenau, E. L.	1,250.00	.....

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Von Dorn, C. W.	\$900.00		Transportation—Continued.		
Wade, T. J.	675.00		Boston and Maine R. R.,		
Wager, G. E.	120.00		P. H. Mullowney.		\$2.50
Wagoner, C. O.	1,200.00		Central R. R. Co. of New		
Walch, C. I.	900.00		Jersey, R. P. Steddom.		6.50
Walsh, Walter.	718.00		Chicago and Alton Rwy.		
Walkley, S. J.	478.00		Co.—		
Wallace, A. H.	1,125.00		C. L. Norris.		12.50
Waller, H. L.	574.00		U. G. Houck.		2.95
Waller, H. N.	1,800.00		G. E. Repv.		21.00
Walls, A. C.	1,400.00		R. F. Eagle.		3.75
Walter, H. K.	1,500.00		L. A. Licking.		14.00
Walters, M. E.		\$10.35	Chicago, Burlington and		
Wampler, J. W.	823.75	6.75	Quincy Rwy. Co.—		
Ward, E. K.	1,412.49		R. P. Steddom.		20.50
Warner, G. D.	600.00	7.00	F. H. Hoswell.		11.35
Washburn, F. R.	268.00	15.25	N. R. Adams.		12.75
Waterman, F. D.	675.00		W. A. Myers.		5.80
Watson, Arda.	300.00		H. H. Dalzell.		10.15
Watson, Jas.	36.00		U. G. Houck.		3.00
Weaver, Flavius.	720.00		D. I. Skidmore.		14.00
Weaver, N. E.	720.00		H. H. Dell.		12.70
Weibe, W. E.	1,225.00		W. W. Worcester.		6.32
Weller, H. B.	900.00		U. G. Houck.		4.05
Wellner, Herman.	1,200.00		W. W. Worcester.		7.25
Wende, B. P.	1,191.11		R. P. Steddom.		27.75
Wescott, E. I.	275.33		U. G. Houck.		3.95
West, W. L.	700.00	8.00	R. P. Steddom.		3.95
Wetzel, R. W.	720.00		U. G. Houck.		1.90
Wheeler, D. N.	870.00		R. F. Eagle.		4.05
White, J. H.	1,196.67		Frank Jelen.		5.80
White, J. D.	12.00		J. H. Rietz.		9.50
White, T. A.	675.00		A. J. Pistor.		29.50
White, T. P.	714.00		Chicago, Indianapolis and		
Wiley, M. C.	1,400.00		Louisville R. R. Co.—		
Wiley, A.	141.00		U. G. Houck.		17.75
Wilhelm, J. W.	720.00		Do.		3.60
Williams, H. W.	6.00		T. H. Jones.		5.00
Williams, H. D.	900.00	12.75	Chicago Great Western		
Winant, F. I.	1,175.00		Rwy. Co.—		
Winnie, D. A.	900.00		R. P. Steddom.		10.15
Wolf, Max.	833.34	3.10	J. M. Lawson.		7.63
Wolfe, J. F. M.	698.00		Chicago, Milwaukee and		
Wood, G. W.	825.00		St. Paul Rwy. Co.—		
Wooden, Morris.	1,925.00	85.26	L. E. Sargent.		16.60
Woodward, B. T.	13.33		U. G. Houck.		5.78
Woolen, D. M.	900.00	9.05	Do.		10.15
Woolfolk, G. H.	487.50		W. S. Pidcock.		12.75
Wootton, W. C.	350.00		S. E. Bennett.		12.50
Worcester, W. W.	875.00	17.00	A. L. Faunce.		8.50
Workeiser, H. F. R.	900.00		W. L. West.		12.75
Wride, G. A.	718.00		C. Huey.		12.55
Wright, J. B.	1,500.00		U. G. Houck.		12.75
Wycoff, A. C.	720.00		R. P. Steddom.		12.75
Yingst, W. H.	953.33	7.45	R. F. Eagle.		2.55
Young, G. D.	908.34		Do.		2.30
Zimmerman, J. A.	720.00		Do.		16.95
Zimmerman, H. E.	720.00		Do.		2.55
Zuendel, T. B.	900.00		Do.		2.30
Transportation:			Do.		16.95
Atchison, Topeka and			Chicago and Northwest-		
Santa Fe Rwy. Co.—			ern Rwy. Co.—		
U. G. Houck.		3.35	W. B. Trenbeth.		6.75
Do.		6.55	R. P. Steddom.		8.23
Do.		6.55	B. R. Rogers.		10.15
Do.		3.18	J. E. Cloud.		10.15
Do.		4.62	Wm. Proudfoot.		12.75
J. H. Rietz.		18.65	J. I. Nelson.		3.15
T. Pickett.		6.15	U. G. Houck.		12.75
Baltimore and Ohio R. R.			R. F. Eagle.		7.10
Co.—			Do.		7.10
R. P. Steddom.		17.00	D. Granger.		9.35
Do.		20.25	Chicago, Rock Island and		
Do.		14.00	Pacific Rwy. Co.—		
Do.		11.00	M. M. Murray.		12.75
John Hoberg.		9.00	F. C. Dauncey.		4.50
G. P. McCabe.		14.95	U. G. Houck.		3.07
J. R. Mohler.		14.95	F. R. Washburn.		27.75
R. P. Steddom.		14.95	U. G. Houck.		9.05
I. W. Pew.		14.95	B. E. Newman.		7.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Transportation—Continued.			Transportation—Continued.		
Chicago, Rock Island and			Minneapolis and St. Louis		
Pacific Rwy. Co.—Con.			R. R. Co., C. K. Schaefer		\$19.05
U. G. Houck	\$12.70		Missouri, Kansas and		
H. D. Williams	26.40		Texas Rwy., T. L. Arm-		26.55
U. G. Houck	10.15		strong		
D. W. Conner	16.40		Missouri Pacific Rwy. Co.,		
U. G. Houck	10.15		J. E. Blackwell		7.00
Chicago, St. Paul, Minne-			New York Central and		
apolis and Omaha Rwy.—			Hudson River R. R. Co.—		
R. F. Eagle	2.60		R. P. Steddom		10.65
Do	2.40		U. G. Houck		2.23
Do	2.40		Do		20.00
Do	2.60		ew York, Chicago and		
Cincinnati, Hamilton and			St. Louis R. R. Co.—		
Dayton Rwy. Co., R. F.			J. H. McClure		8.50
Eagle	3.30		G. P. McCabe		28.20
C. & B. Transit Co., R. F.			New York, New Haven		
Eagle	2.50		and Hartford Rwy. Co.—		
Cleveland, Cincinnati,			R. P. Steddom		3.00
Chicago and St. Louis			U. G. Houck		5.00
Rwy. Co.			Do		1.25
Geo. Ditewig	16.50		Do		1.50
T. L. Armstrong	26.80		Morris Wooden		5.00
U. G. Houck	8.00		orthern Pacific Rwy.		
Do	7.10		Co., M. J. Rarey		11.20
Do	5.00		Oregon Railroad and Navi-		
M. E. Walters	17.50		gation Co., A. H. Bibb		50.00
R. F. Eagle	5.20		Oregon Short Line—		
Do	1.90		E. A. Bundy		32.50
W. A. Franz	5.00		J. C. Massie		46.35
Delaware, Lackawanna			Pennsylvania R. R. Co.—		
and Western R. R. Co.—			D. E. Salmon		22.00
U. G. Houck	7.23		J. R. Mohler		17.00
F. A. Fahrenbach	12.00		A. M. Farrington		17.00
U. G. Houck	6.45		J. R. Mohler		17.50
Do	8.00		A. M. Farrington		17.50
Do	6.44		W. H. Yingst		20.75
Denver and Rio Grande			U. G. Houck		10.00
R. R. Co.—			Do		8.00
J. J. Gallagher	30.00		G. P. McCabe		17.50
H. H. Hicks	42.50		I. W. Pew		17.50
H. A. Alcorn	31.50		J. R. Mohler		17.50
Detroit and Cleveland			W. C. Siegmund		4.45
Navigation Co.—			Do		4.45
R. F. Eagle	2.00		R. F. Eagle		10.00
Do	2.00		U. G. Houck		16.00
Great Northern Rwy.			Morris Wooden		6.50
Co.—			J. J. Johnson		18.25
G. A. Lipp	36.35		R. F. Eagle		10.00
R. F. Eagle	18.48		J. W. Wampler		5.00
Gulf, Colorado and Santa			R. W. Tuck		20.65
Fe Rwy. Co., Theo.			U. G. Houck		17.00
Pickett	11.05		Morris Wooden		4.00
Lake Shore and Michigan			Pullman Co.—		
Southern Rwy. Co.—			J. R. Mohler		10.00
R. P. Steddom	5.00		I. W. Pew		5.00
U. G. Houck	10.00		Southern Rwy. Co.—		
Do	5.00		W. P. Ellenberger		8.35
A. H. Richards	4.50		G. D. Warner		8.35
U. G. Houck	5.00		Texas Pacific Rwy. Co.,		
R. F. Eagle	5.00		G. H. Woolfolk		25.85
Do	6.90		Union Pacific R. R. Co.—		
Do	6.90		W. E. Burrows		15.90
Louisville and Nashville			C. A. Johnson		30.00
R. R. Co.—			Wabash Rwy. Co.—		
A. G. G. Richardson	8.36		U. G. Houck		3.38
W. P. Ellenberger	3.50		Do		7.50
Do	3.50		R. F. Eagle		5.04
R. F. Eagle	5.50		American Line Steamship Co.,		
Do	9.75		James Johnston		63.31
Do	3.50				
Michigan Central R. R.					
Co., U. G. Houck		18.00			

Total: Salary, \$730,762.53; travel, \$5,446.88.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1903—Continued.

MEAT INSPECTION—Continued.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
Z. D. Gilman.....	Thermometers.....	\$42.00
R. C. Ballantyne.....	Ledger.....	1.85
Howard Label Co.....	Labels.....	3,250.00
G. E. Howard.....	Stamps.....	474.00
Do.....	.....do.....	398.40
Howard Label Co.....	Labels.....	3,250.00
Do.....	.....do.....	3,250.00
G. E. Howard.....	Stamps.....	201.60
Do.....	.....do.....	324.00
Rudolph & West Co.....	Tube rods.....	1.78
Do.....	Scissors.....	7.00
R. P. Andrews Paper Co.....	Memorandum books.....	9.00
Chicago Car Seal and Manufacturing Co.....	Lead and wire seals.....	10.20
Dennison Manufacturing Co.....	Tags.....	81.25
M. Joyce Engraving Co.....	Facsimile engraving.....	.50
Do.....	.....do.....	.50
G. G. Fetter & Co.....	Copying bath.....	5.00
E. S. Newman.....	Paper for adding machine.....	3.00
E. Faber.....	Bands.....	16.50
Chadwick Copy Book Co.....	Letter copying books.....	46.50
D. F. Parker.....	Mimeograph supplies.....	7.35
International Seal and Lock Co.....	Seals.....	292.50
Densmore Typewriter Co.....	Cylinder.....	2.00
R. P. Andrews Paper Co.....	Memorandum books.....	9.00
International Seal and Lock Co.....	Seals.....	157.50
Do.....	.....do.....	45.00
J. B. Lambie Co. (Incorporated).....	Steel wire.....	1.20
E. S. Newman.....	1 ribbon (adding machine).....	1.00
R. P. Andrews Paper Co.....	Ink well.....	1.00
J. B. Lambie Co. (Incorporated).....	Screws.....	2.40
Howard Label Co.....	Labels.....	325.00
International Seal and Lock Co.....	Seals.....	135.00
American Tag Co.....	Meat barbs.....	8.00
Dennison Manufacturing Co.....	Tags.....	39.00
Z. D. Gilman.....	Thermometers (dipping).....	56.26
International Seal and Lock Co.....	Seals.....	157.50
Do.....	.....do.....	225.00
W. L. Swayze.....	Paper.....	4.80
G. E. Howard.....	Stamps.....	504.40
R. P. Andrews Paper Co.....	Envelopes.....	9.00
Do.....	Memorandum books.....	9.00
Miller Lock Co.....	Padlocks.....	49.00
J. B. Lambie Co. (Incorporated).....	Spools of wire.....	6.00
International Seal and Lock Co.....	Seals.....	168.75
Do.....	.....do.....	229.50
P. Lindemeyr.....	Violet ink.....	8.00
M. Joyce Engraving Co.....	Facsimile engraving.....	.50
E. Morrison Paper Co.....	Bristol board.....	1.50
Barber & Ross.....	Carpet tacks.....	17.50
Do.....	Taps, die.....	2.10
Chadwick Copy Book Co.....	Press copying books.....	46.50
E. Morrison Paper Co.....	Cards.....	1.50
Parke, Davis & Co.....	Antiseptic tablets.....	45.00
Howard Label Co.....	Repairing label boxes.....	9.00
G. E. Howard.....	Certificates.....	375.00
International Seal and Lock Co.....	Seals.....	112.50
W. E. Pratt Manufacturing Co.....	Hog rings.....	70.00
M. Joyce Engraving Co.....	Facsimile engraving.....	.50
T. S. Buck Manufacturing Co.....	Flexible mounts.....	18.60
Howard Label Co.....	Label boxes.....	5.25
D. F. Parker.....	Ink, stencil, ink pads.....	11.35
J. B. Lambie Co. (Incorporated).....	Brass tubing.....	1.00
Bausch & Lomb Optical Co.....	Aplanatic lens.....	2.00
Library Bureau.....	Blue cards.....	6.50
Dennison Manufacturing Co.....	Tags.....	9.75
Do.....	Seals.....	6.50
International Seal and Lock Co.....	.....do.....	22.50
Harrington & King.....	Sheets, brass.....	8.45
Tyer Rubber Co.....	Rubber tips.....	9.00
Chicago Car Seal and Manufacturing Co.....	Seals.....	5.10
American Tag Co.....	Tags.....	18.00
Barber & Ross.....	Bolts and belt punch.....	1.31
P. Lindemeyr.....	Violet ink.....	12.00
Dennison Manufacturing Co.....	Tags.....	16.25
International Seal and Lock Co.....	Seals.....	11.25
Chicago Car Seal and Manufacturing Co.....	.....do.....	7.65
Do.....	.....do.....	12.75

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
E. Morrison Paper Co.	Sheets, parchment.	\$3.00
Rudolph & West Co.	Tin.	5.00
G. E. Bedell.	Repairs to chair.	1.25
P. E. Crowl Co.	Rubber figures.	15.00
Tyer Rubber Co.	Rubber tips.	9.00
International Seal and Lock Co.	Seals.	67.50
Chicago Car Seal and Manufacturing Co.	do.	5.10
American Tag Co.	Meat barbs.	2.00
Do.	do.	2.00
G. W. Miller & Co.	Map paper.	3.50
W. L. Swayze.	Sponges.	20.00
R. P. Andrews Paper Co.	Memorandum books.	9.00
Bausch & Lomb Optical Co.	Repairing aplastic triplets.	7.50
American Railway Supply Co.	Tin tags.	9.25
E. J. Brooks & Co.	Lead disks.	7.00
Do.	do.	7.00
Dennison Manufacturing Co.	Tags.	3.25
Chicago Car Seal and Manufacturing Co.	Seals.	90.10
Wm. E. Pratt.	Hog ringers.	6.00
Parke, Davis & Co.	Antiseptic tablets.	40.00
Barber & Ross.	2 pair pliers.	1.75
Do.	Carpet tacks.	21.00
Agar Packing Co.	1 butcher knife.	.65
International Seal and Lock Co.	Seals.	175.50
Do.	do.	4.50
Do.	Tags (tin).	225.00
American Railway Supply Co.	Lumber.	18.50
Church & Stephenson.	Tags.	35.00
Dennison Manufacturing Co.	Copying books.	45.50
Chadwick Copy Book Co.	Fountain pen.	46.50
Autofiller Pen Co.	Seals.	4.00
Chicago Car Seal and Manufacturing Co.	do.	5.10
Do.	Condemned tags.	20.40
Dennison Manufacturing Co.	Seals.	6.50
International Seal and Lock Co.	Tin tags.	126.00
American Railway Supply Co.	do.	37.00
Do.	Hog rings.	27.75
W. E. Pratt.	Memorandum books.	35.00
R. P. Andrews Paper Co.	India ink, stencil paper.	11.25
D. F. Parker.	4 facsimile engravings.	6.00
M. Joyce Engraving Co.	Seals.	2.00
International Seal and Lock Co.	File boxes.	146.25
Capital Paper Box Co.	Seals.	17.30
International Seal and Lock Co.	Seal presses.	247.50
E. J. Brooks & Co.	Antiseptic tablets.	21.25
Parke, Davis & Co.	Typewriting paper.	40.00
W. L. Swayze.	Typewriting brushes.	9.60
Do.	Ledger.	3.72
R. C. Ballantyne.	Typewriter.	2.20
Underwood Typewriter Co.	Antiseptic tablets.	82.50
Parke, Davis & Co.	Cards.	40.00
Typewriter Office and Supply Co.	Typewriter desk.	10.75
Julius Lansburgh.	Seals.	29.50
Chicago Car Seal and Manufacturing Co.	do.	13.60
International Seal and Lock Co.	Typewriter chairs.	83.25
W. B. Moses & Sons.	Typewriter.	16.17
Underwood Typewriter Co.	do.	82.50
Do.	Parchment paper.	82.50
E. Morrison Paper Co.	Brass die, female plate.	10.40
F. A. Immler.	Rotary mimeograph.	5.00
D. F. Parker.	Typewriter desk.	30.00
Julius Lansburgh.	Chair cushion.	25.50
Bedell Manufacturing Co.	1 metric rule.	2.00
F. A. Schmidt.	3 ink wells.	.30
W. L. Swayze.	Seals.	13.00
International Seal and Lock Co.	Spools of wire.	2.70
J. B. Lambie Co. (Incorporated)	Copy books.	12.00
Chadwick Copy Book Co.	Rubber tips.	69.70
Tyer Rubber Co.	2 typewriters.	18.05
Typewriter Office and Supply Co.	Fountain pen.	99.00
Autofiller Pen Co.	1 adding machine.	4.00
Typewriter Office and Supply Co.	3 silk sheets and stencil paper.	350.00
D. F. Parker.	Typewriter.	5.00
Remington Typewriter Co.	Repairs to typewriter.	80.00
Do.	Desk fan.	30.30
M. Du Perow.	Lead disks.	10.35
E. J. Brooks.	Stencil.	3.55
Geo. Shilling.	Typewriter.	30.00
Moore Co.	do.	106.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
Parke, Davis & Co.	Antiseptic tablets.	\$40.00
Barber & Ross.	Pliers.	3.00
International Seal and Lock Co.	Seals.	450.00
R. P. Andrews Paper Co.	Memorandum books.	27.00
E. Morrison Paper Co.	Tags.	6.00
Dennison Manufacturing Co.	do.	52.00
Do.	do.	65.00
International Seal and Lock Co.	Seals.	45.00
Do.	do.	112.50
W. L. Swayze.	Typewriter paper.	9.60
W. B. Moses & Sons.	Bookcase.	7.00
Do.	Linoleum.	333.70
Louis Abel.	Express and car fare.	3.17
Union Stock Yards Co.	Rent.	45.00
F. W. Ainsworth.	Laundry and street-car fare.	8.75
Union Stock Yards Co.	Rent.	45.00
F. W. Ainsworth.	Laundry and street-car fare.	6.80
Union Stock Yards Co.	Rent.	45.00
F. W. Ainsworth.	Laundry, car fare, and water.	5.85
Union Stock Yards Co.	Rent.	45.00
F. W. Ainsworth.	Laundry, car fare, and water.	8.80
M. O. Anderson.	Drayage.	.25
Do.	Express and telegrams.	.96
Do.	Ink, repairing lock.	.60
Frontier Towel Supply Co.	Laundry.	.30
Do.	do.	1.57
H. C. Williams.	Service of horse and buggy.	18.00
Don C. Ayer.	Service of horse and saddle.	15.00
J. B. Payton.	Street-car fare.	6.00
Don C. Ayer.	Service of horse and saddle.	15.00
H. C. Williams.	Service of horse and buggy.	18.00
J. B. Payton.	Street-car fare.	5.65
Don C. Ayer.	Service of saddle horse.	15.00
H. C. Williams.	Service of horse and buggy.	18.00
J. B. Payton.	Street-car fare.	5.85
J. P. Kelly.	Laundry.	14.03
Nebraska Telephone Co.	Telephone.	13.50
Glynn & Smith.	Drayage.	6.00
J. B. Payton.	Street-car fare.	5.10
H. C. Williams.	Service of horse and buggy.	18.00
Don C. Ayer.	Service of horse and saddle.	15.00
Do.	do.	15.00
H. C. Williams.	Service of horse and buggy.	18.00
J. B. Payton.	Street-car fare.	5.65
Do.	do.	5.05
Nebraska Telephone Co.	Telephone.	13.50
H. C. Williams.	Service of horse and buggy.	18.00
Glynn Transfer Co.	Drayage.	3.00
Don C. Ayer.	Service of horse and saddle.	15.00
Kelly Towel Supply Co.	Laundry.	16.40
Stott Stationery Co.	Desk blotters.	5.75
Don C. Ayer.	Service of horse and saddle.	15.00
H. C. Williams.	Service of horse and buggy.	18.00
J. B. Payton.	Street-car fare.	5.45
Do.	do.	4.85
C. G. Sutton.	Service of horse and buggy.	18.00
Don C. Ayer.	Service of horse and saddle.	15.00
Glynn Transfer Co.	Drayage.	.75
C. G. Sutton.	Service of horse and buggy.	18.00
Nebraska Telephone Co.	Telephone.	13.50
Don C. Ayer.	Service of horse and saddle.	15.00
J. B. Payton.	Street car fare.	5.65
C. G. Sutton.	Service of horse and buggy.	18.00
J. B. Payton.	Street-car fare.	5.35
Don C. Ayer.	Service of horse and saddle.	15.00
Do.	do.	15.00
J. B. Payton.	Street-car fare.	6.05
C. G. Sutton.	Service of horse and buggy.	18.00
J. B. Payton.	Street-car fare.	3.45
C. G. Sutton.	Service of horse and buggy.	18.00
Stott Stationery Co.	Ink.	4.50
Nebraska Telephone Co.	Telephone.	13.50
Glynn Transfer Co.	Drayage.	4.25
Don C. Ayer.	Service of horse and saddle.	15.00
Geo. S. Baker.	Jug.	.50
Do.	Letter file, repairs to desk.	1.75
Do.	Service of laborer.	24.00
Do.	do.	52.00
Do.	do.	14.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
Geo. S. Baker	Jug.....	\$ 0.25
Do	Service of laborer.....	40.00
Combe Printing Co	Ink.....	1.50
St. Joseph Stock Yards Co	Rent.....	135.00
Rock & Co	Drayage.....	3.50
Missouri and Kansas Telephone Co	Telephone.....	15.00
Chas. Eheringer	Ice.....	8.00
J. R. Stafford	Service of horse and wagon.....	20.00
Morris & Co	Telephone.....	3.00
Missouri and Kansas Telephone Co .....	..... do	24.00
Armour Packing Co .....	..... do	9.00
Cudahy Packing Co .....	..... do	4.50
Fowler Packing Co .....	..... do	3.00
Kansas City Stock Yards Co	Rent.....	165.00
Gate City Laundry Co	Laundry.....	4.20
Mendenhall Transfer Co	Drayage.....	2.00
J. R. Stafford	Service of horse and wagon.....	20.00
Cutler & Neilson C. & P. Co	Blue paste, paint, and oil.....	15.75
F. P. Burnap S. & P. Co	Ink.....	6.00
C. S. Gould	Service of horse and saddle.....	39.00
J. R. Stafford	Service of horse and wagon.....	20.00
H. C. Babcock	Service of horse and saddle.....	28.00
L. R. Baker	Service of saddle horse.....	10.27
Do .....	..... do	28.00
H. C. Babcock .....	..... do	28.00
C. S. Gould .....	..... do	17.00
J. R. Stafford	Service of horse and wagon.....	20.00
L. R. Baker	Cuspidors and jugs.....	1.00
Morris & Co	Telephone.....	3.00
Mendenhall Transfer Co	Drayage.....	2.85
Cutler & Neilson C. & P. Co	Oil, thinner, blue paste.....	8.00
Gate City Laundry Co	Laundry.....	4.50
Missouri and Kansas Telephone Co	Telephone service.....	24.00
Kansas City Stock Yards Co	Rent.....	165.00
Armour Packing Co	Telephone.....	9.00
Cudahy Packing Co .....	..... do	4.50
Fowler Packing Co .....	..... do	3.00
L. R. Baker	Service of saddle horse.....	28.00
H. C. Babcock .....	..... do	28.00
J. R. Stafford	Service of horse and wagon.....	20.00
Do .....	..... do	20.00
L. R. Baker	Service of saddle horse.....	28.00
H. C. Babcock .....	..... do	28.00
J. R. Stafford	Service of horse and wagon.....	20.00
H. C. Babcock	Service of saddle horse.....	28.00
L. R. Baker .....	..... do	28.00
Kansas City Stock Yards Co	Rent.....	165.00
Mendenhall Transfer Co	Drayage.....	3.35
Kansas City Stock Yards Co	Ice water.....	3.00
Do .....	..... do	3.00
Gate City Laundry Co	Laundry.....	4.88
Morris & Co	Telephone.....	3.00
Cudahy Packing Co .....	..... do	4.50
Fowler Packing Co .....	..... do	3.00
Armour Packing Co .....	..... do	9.00
Missouri and Kansas Telephone Co .....	..... do	24.00
A. E. Behnke	Service of horse and buggy.....	30.00
Do .....	..... do	30.00
Do .....	..... do	30.00
Do	Telephone, ink, car fare, etc.....	26.42
Do	Service of horse and buggy.....	30.00
Do .....	..... do	30.00
Do .....	..... do	30.00
Do	Telephone and laundry.....	19.48
Do	Service of horse and buggy.....	30.00
Do .....	..... do	30.00
Do .....	..... do	30.00
Do	Telephone and laundry, etc.....	19.93
Do	Service of horse and buggy.....	30.00
Do .....	..... do	30.00
Do .....	..... do	30.00
S. E. Bennett	Laundry, telephone, etc.....	21.66
J. R. Stafford	Service of saddle horse.....	28.00
H. C. Babcock	Service of horse and wagon.....	20.00
Jones Dry Goods Co	Service of saddle horse.....	28.00
	Soap.....	4.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
J. R. Stafford.....	Service of horse and wagon.....	\$20.00
S. E. Bennett.....	Service of saddle horse.....	28.00
H. C. Babcock.....	.....do.....	28.00
S. E. Bennett.....	.....do.....	28.00
H. C. Babcock.....	.....do.....	28.00
J. R. Stafford.....	Service of horse and wagon.....	20.00
Kansas City Stock Yards Co.....	Rent.....	165.00
Cutler & Neilson C. & P. Co.....	Paint and oil.....	12.75
Gate City Laundry Co.....	Laundry.....	4.35
Missouri and Kansas Telephone Co.....	Telephone.....	24.00
Mendenhall Transfer Co.....	Drayage.....	3.50
Armour Packing Co.....	Telephone.....	9.00
Fowler Packing Co.....	.....do.....	3.00
Morris & Co.....	.....do.....	3.00
Cudahy Packing Co.....	.....do.....	4.50
H. C. Babcock.....	Service of saddle horse.....	28.00
J. R. Stafford.....	Service of horse and wagon.....	20.00
S. E. Bennett.....	Service of saddle horse.....	28.00
S. W. Burt.....	.....do.....	25.00
H. W. Hawley.....	Service of horse and buggy.....	29.50
Chicago Merchandise and Equipment Co.....	Lockers for stamps and labels.....	69.00
S. W. Burt.....	Service of saddle horse.....	25.00
H. W. Hawley.....	Service of horse and buggy.....	29.50
Union Stock Yards and Transit Co.....	Rent.....	375.00
Stock Yards Hardware and Paint Co.....	Paint and oil.....	1.52
Chicago Telephone Co.....	Telephone.....	51.25
Consumers' Co.....	Hydrox water.....	9.00
Transit House Stores.....	Coal.....	10.50
S. E. Bennett.....	Express, car fare, etc.....	23.10
W. C. Lewis & Co.....	Ink.....	8.75
N. A. Williams Co.....	Jugs.....	1.65
H. W. Hawley.....	Service of horse and buggy.....	29.50
S. W. Burt.....	Service of saddle horse.....	25.00
The Fair.....	Oilcloth.....	6.00
S. W. Burt.....	Service of saddle horse.....	25.00
H. W. Hawley.....	Service of horse and buggy.....	29.50
S. E. Bennett.....	Car fare, etc.....	20.43
Do.....	Service of saddle horse.....	25.00
H. W. Hawley.....	Service of horse and buggy.....	29.50
Chicago Telephone Co.....	Telephone.....	51.25
Union Stock Yards and Transit Co.....	Rent.....	375.00
Stock Yards Hardware and Paint Co.....	Oil, brooms, shovel, etc.....	3.15
Transit House Stores.....	Soft coal.....	9.50
Consumers' Co.....	Hydrox water.....	8.25
S. W. Burt.....	Service of saddle horse.....	25.00
H. W. Hawley.....	Service of horse and buggy.....	29.50
Pittsburg Plate Glass Co.....	One plate desk cover.....	9.75
D. T. Thompson.....	Six photographs.....	3.00
Swift & Co.....	Lanterns.....	9.60
H. W. Hawley.....	Service of horse and buggy.....	29.50
S. W. Burt.....	Service of saddle horse.....	25.00
H. W. Hawley.....	Service of horse and buggy.....	29.50
Union Stock Yards and Transit Co.....	Rent.....	375.00
Stock Yards Hardware and Paint Co.....	Map, brush, baskets, etc.....	1.85
Do.....	Oil can.....	1.20
S. W. Burt.....	Service of saddle horse.....	25.00
Chicago Telephone Co.....	Telephone.....	51.25
H. G. Bullock.....	Service of saddle horse.....	30.00
Union Stock Yards and Transit Co.....	Cleaning and renovating office.....	30.00
The Fair.....	Laying linoleum.....	2.55
Do.....	Linoleum.....	34.43
Consumers' Co.....	Hydrox water.....	5.25
S. E. Bennett.....	Car fare, soap, etc.....	18.20
Henry Fuermann.....	Negatives.....	31.50
E. L. Bertram.....	Express and repairs to chair.....	1.75
R. W. Schamp.....	Service of horse and buggy.....	28.00
Do.....	.....do.....	28.00
J. E. Blackwell.....	Ink, baskets, books.....	1.65
Do.....	Service of horse and buggy.....	31.00
Do.....	.....do.....	31.00
Do.....	.....do.....	30.00
Do.....	.....do.....	30.00
F. Braginton.....	Post-office box and telephone.....	6.60
Do.....	.....do.....	2.60
Do.....	Telephone.....	2.00
Do.....	.....do.....	2.00
Do.....	.....do.....	2.60
Do.....	.....do.....	2.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
F. Braginton	Telephone	\$2.00
Do	do	2.50
Do	Post-office box	.60
J. J. Brougham	Service of horse and buggy	30.00
Do	do	30.00
Independent Stock Yards Co.	Rent	75.00
J. J. Brougham	Telephone	18.00
Do	Service of horse and buggy	30.00
Do	do	30.00
Do	do	30.00
Independent Stock Yards Co.	Rent	75.00
J. J. Brougham	Service of horse and buggy	30.00
Do	Telephone	18.00
Do	Service of horse and buggy	30.00
Do	do	30.00
Independent Stock Yards Co.	Rent	75.00
J. J. Brougham	Service of horse and buggy, etc	18.00
Do	do	30.00
Do	Ink	1.85
Do	Service of horse and buggy	30.00
Do	do	30.00
Independent Stock Yards Co.	Rent	75.00
J. J. Brougham	Service of horse and buggy	30.00
Do	Telephone	18.00
G. W. Butler	Service of horse and buggy	25.00
Do	do	25.00
Do	do	25.00
Do	Office furniture and repairs	3.50
Do	Service of horse and buggy	25.00
Do	do	25.00
Do	Ink, laundry	.50
Do	Service of horse and buggy	25.00
Do	do	25.00
St. Louis National Stock Yards Co.	Rent	50.00
Do	do	50.00
Do	do	50.00
J. B. Clancy	Janitor service, express, etc.	49.45
St. Louis National Stock Yards Co.	Rent	50.00
Do	do	50.00
Do	do	50.00
J. B. Clancy	Janitor service, ice, etc.	37.60
St. Louis National Stock Yards Co.	Rent	50.00
Do	do	50.00
Do	do	50.00
J. B. Clancy	Janitor service, telephone	39.40
St. Louis National Stock Yards Co.	Rent	50.00
Do	do	50.00
Do	do	50.00
J. B. Clancy	Janitor service, telephone	53.95
Robert Darling	Bicycle rent	9.00
Do	Express	.130
A. H. Wallace	Service of saddle horse	75.00
Do	do	75.00
Do	Telephone	9.00
Do	Service of saddle horse	75.00
F. L. De Wolf	Telephone	9.00
Do	Broom, matches, etc	.50
Do	Express	.40
Union Stock Yards Co.	Express on seals	.25
Geo. Ditewig	Rent	45.00
Do	Telephone, soap, etc.	43.82
Do	Telephone, janitor service, etc.	24.68
St. Joseph Stock Yards Co.	Blotters, repairs to typewriter, etc.	7.85
Missouri and Kansas Telephone Co.	Rent	135.00
St. Joseph Stock Yards Co.	Telephone	15.00
Missouri and Kansas Telephone Co.	Rent	135.00
Geo. Ditewig	Telephone	15.00
Do	Ink, car fare, etc.	10.85
Do	Granite pails	3.00
Do	Drayage, repairs to chairs	8.60
St. Joseph Stock Yards Co.	Rent	135.00
Missouri and Kansas Telephone Co.	Telephone	15.00
I. Due	Car fare and ferriage	2.46
Do	do	2.57
Do	do	2.92

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
J. W. Hawley.....	Service of horse and buggy.....	\$19.66
S. W. Burt.....	Service of saddle horse.....	25.00
H. W. Hawley.....	Service of horse and buggy.....	29.50
S. W. Burt.....	Service of saddle horse.....	25.00
Orr & Lockett Hardware Co.....	Knives.....	6.53
H. W. Hawley.....	Service of horse and buggy.....	29.50
S. W. Burt.....	Service of saddle horse.....	25.00
Union Stock Yards Co.....	Rent.....	375.00
O. E. Dyson.....	Street-car fare, etc.....	68.75
W. Cary Lewis & Co.....	Ink, desk blotters, etc.....	3.90
J. W. Fink.....	Copying press and ink.....	4.55
H. H. George et al.	Car fare, janitor service.....	7.67
Do.....	do.....	6.97
Bourbon Stock Yards Co.....	Rent.....	30.00
H. H. George.....	Telephone, janitor service.....	21.78
Do.....	do.....	6.87
Do.....	Coal.....	12.53
Bourbon Stock Yards Co.....	Rent.....	30.00
H. H. George.....	Car fare, laundry.....	21.12
Do.....	Gas, car fare, etc.....	7.72
Do.....	do.....	5.80
Bourbon Stock Yards Co.....	Rent.....	30.00
H. H. George.....	Car fare, laundry, etc.....	21.32
Do.....	Car fare, service of janitor.....	5.83
Do.....	do.....	6.32
Bourbon Stock Yards Co.....	Rent.....	30.00
H. H. George.....	Car fare, service of janitor.....	21.78
W. H. Gibbs.....	Ink, laundry.....	1.40
F. J. Goebel.....	Street-car fare.....	5.77
Do.....	do.....	4.97
L. K. Green.....	Street-car fare and telegrams.....	10.55
Do.....	do.....	6.75
Do.....	do.....	5.33
G. J. Reindel & Co.....	Office furniture.....	53.75
O. B. Hess.....	Service of laborer.....	12.00
W. E. Howe.....	Service of saddle horse.....	62.70
Denver Stock Yards Co.....	Rent.....	72.00
Colorado Telephone Co.....	Telephone.....	20.00
W. E. Howe.....	Freight, car fare.....	7.36
Do.....	Service of saddle horse.....	72.00
Do.....	Car fare, ink.....	9.70
Denver Stock Yards Co.....	Rent.....	72.00
Colorado Telephone Co.....	Telephone.....	20.00
Do.....	do.....	20.00
W. E. Howe.....	Service of saddle horse.....	72.00
Do.....	Car fare, ink.....	5.45
Denver Stock Yards Co.....	Rent.....	72.00
Do.....	do.....	24.00
Do.....	do.....	24.00
Do.....	do.....	24.00
W. E. Howe.....	Car fare.....	2.90
Do.....	Service of saddle horse.....	72.00
Colorado Telephone Co.....	Telephone.....	20.00
Julius Huelsen.....	Car fare, telephone.....	9.15
Do.....	Car fare, laundry, janitor.....	9.95
Do.....	do.....	8.05
Do.....	do.....	7.95
Do.....	do.....	6.70
Do.....	do.....	10.86
Do.....	do.....	8.20
Do.....	do.....	9.75
Do.....	do.....	10.65
Do.....	do.....	8.95
Do.....	do.....	10.74
Do.....	do.....	10.02
Robert Jay.....	Repair to office chair.....	1.25
Hiram Jerome.....	Street-car fare.....	9.27
Sioux City Stock Yards Co.....	Rent.....	60.00
G. A. Johnson.....	Freight.....	4.80
Iowa Telephone Co.....	Telephone.....	12.00
Sioux City Stock Yards Co.....	Rent.....	60.00
Iowa Telephone Co.....	Telephone.....	12.00
G. A. Johnson.....	Express.....	2.20
Sioux City Stock Yards Co.....	Rent.....	60.00
Iowa Telephone Co.....	Telephone.....	12.00
G. A. Johnson.....	Express, ink, copper wire.....	2.85
Do.....	File case.....	9.00
Sioux City Stock Yards Co.....	Rent.....	60.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
G. A. Johnson.....	Drayage.....	\$1.00
Iowa Telephone Co.....	Telephone.....	12.00
E. C. Joss.....	Ink.....	.60
Do.....	Express.....	1.40
Do.....	Car tickets.....	3.75
Do.....	Car tickets and soap.....	4.00
Do.....	Car tickets and knives.....	4.20
Do.....	Car tickets.....	2.50
Do.....	Car tickets and ink.....	3.60
J. S. Kelly.....	Laundry.....	1.80
Do.....	Muslin.....	2.05
Do.....	Express.....	2.30
Do.....	do.....	1.80
F. D. Ketchum.....	Service of horse and buggy.....	25.00
Do.....	do.....	25.00
St. Paul Union Stock Yards Co.....	Rent.....	75.00
F. D. Ketchum.....	Ink, mucilage.....	4.45
St. Paul Union Stock Yards Co.....	Rent.....	75.00
F. D. Ketchum.....	Service of horse and buggy.....	25.00
Do.....	do.....	25.00
Do.....	do.....	25.00
Do.....	Ink, express.....	1.60
St. Paul Union Stock Yards Co.....	Rent.....	75.00
F. D. Ketchum.....	Service of horse and buggy.....	25.00
Do.....	do.....	25.00
Do.....	Ink, service of janitor.....	4.75
Do.....	Showcase.....	3.75
St. Paul Union Stock Yards Co.....	Rent.....	75.00
F. D. Ketchum.....	Service of horse and buggy.....	25.00
W. B. Lincoln.....	Car fare, laundry.....	3.67
Do.....	do.....	2.25
Do.....	do.....	2.45
Do.....	do.....	2.60
Do.....	do.....	2.70
Do.....	do.....	2.95
Do.....	do.....	3.55
Do.....	do.....	3.30
Do.....	do.....	3.70
Do.....	do.....	3.50
Do.....	do.....	4.65
Do.....	do.....	4.55
Albert Long.....	Laundry, ink, street-car fare.....	2.65
Do.....	Laundry, oil apron.....	.50
Do.....	Laundry.....	1.20
Do.....	Laundry, ink.....	2.20
Do.....	Laundry.....	1.80
C. Loveberry et al.....	Car fare, telegrams, etc.....	16.30
Do.....	Car fare, telephone.....	15.50
Do.....	do.....	9.70
Do.....	do.....	9.50
Do.....	do.....	15.50
Do.....	do.....	9.50
Do.....	do.....	15.90
Do.....	do.....	16.65
Do.....	do.....	10.65
Do.....	do.....	16.20
Do.....	do.....	9.65
Do.....	do.....	15.50
Joshua Miller.....	Coal and soap.....	7.00
Do.....	Coal, soap, and laundry.....	12.71
Do.....	Butcher knife, repairing shades.....	14.52
Do.....	Laundry, soap, service of janitor.....	6.37
A. B. Morse.....	Laundry, chairs.....	9.50
Do.....	Laundry, chairs, express.....	4.40
Do.....	Laundry.....	2.50
W. N. Neil.....	Telephone and ink.....	10.00
Do.....	Telephone.....	9.00
Do.....	Telephone and ink.....	11.00
Do.....	Service of janitor.....	1.00
A. L. Pitney.....	Service of janitor, etc.....	13.20
J. O. F. Price.....	Labor, paint, hardware, etc.....	78.78
Cincinnati Union Stock Yards Co.....	Express.....	.65
A. G. G. Richardson.....	Rent.....	45.00
Do.....	Car fare, telephone, laundry.....	15.11
	Lamp, oil, car fare.....	7.94

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
A. G. G. Richardson.....	Knives, janitor, car fare.....	\$7.75
Do.....	Telegrams and telephone.....	14.44
Cincinnati Union Stock Yards Co.....	Rent.....	45.00
A. G. G. Richardson.....	Car fare, janitor, and broom.....	7.41
Do.....	Car fare, janitor, ice, ink.....	8.35
Cincinnati Union Stock Yards Co.....	Rent.....	45.00
A. G. G. Richardson.....	Telephone, service of janitor.....	19.50
A. E. Rishel.....	Service of horse and buggy.....	25.00
Do.....	..... do	25.00
Do.....	..... do	25.00
Do.....	Laundry, ink.....	3.10
Home Telephone and Telegraph Co.....	Telephone.....	12.00
A. E. Rishel.....	Service of horse and buggy.....	25.00
Do.....	..... do	25.00
Do.....	Laundry.....	2.25
Home Telephone and Telegraph Co.....	Service of horse and buggy.....	25.00
A. E. Rishel.....	Telephone.....	12.00
Do.....	Service of horse and buggy.....	25.00
Home Telephone and Telegraph Co.....	..... do	25.00
A. E. Rishel.....	Telephone.....	12.00
Do.....	Service of horse and buggy.....	25.00
Home Telephone and Telegraph Co.....	..... do	25.00
A. E. Rishel.....	Laundry.....	2.25
Do.....	Service of horse and buggy.....	25.00
Do.....	Laundry, ink.....	2.65
Do.....	Service of laborer.....	14.00
Do.....	Service of horse and buggy.....	25.00
Do.....	..... do	25.00
Home Telephone and Telegraph Co.....	Laundry.....	2.25
A. E. Rishel.....	Telephone.....	12.00
T. W. Caranchan, Coyle, et al.....	Service of horse and buggy.....	25.00
J. F. Ryder.....	Car fare, ferrage.....	14.59
Hooper-Lewis Co.....	Service of horse and buggy.....	45.00
Thacher & Ireland.....	Memorandum books, twine.....	1.55
J. F. Ryder.....	Scythes, snaths.....	2.90
J. F. Ryder et al.....	Service of horse and buggy.....	45.00
Hooper-Lewis Co.....	Car fare and ferrage.....	12.72
J. F. Ryder.....	Ink.....	1.55
Trustees of the Oliver Building.....	Service of horse and buggy.....	45.00
H. J. Harwood.....	Rent.....	225.00
J. F. Ryder.....	..... do	62.50
Do.....	Stamps, gas, drayage.....	4.80
Bay State Clean Towel Co.....	Street-car fare.....	16.04
New England Telephone Co.....	Laundry.....	1.88
Hooper-Lewis Co.....	Telephone.....	56.25
J. F. Ryder.....	Wrapping paper.....	2.00
Do.....	Street-car fare.....	15.44
Do.....	Service of horse and buggy.....	45.00
T. W. Carnachan.....	..... do	45.00
J. F. Ryder.....	Repairs meat branding machine.....	6.20
Do.....	Street-car fare.....	14.53
Bay State Clean Towel Co.....	Service of horse and buggy.....	45.00
Trustees of the Oliver Building.....	Laundry.....	2.25
New England Telephone Co.....	Rent.....	225.00
J. F. Ryder.....	Telephone.....	56.25
Do.....	Stamps, drayage.....	2.25
Hooper-Lewis Co.....	Car fare.....	15.12
J. F. Ryder.....	Ink.....	3.00
New England Telephone Co.....	Service of horse and buggy.....	45.00
J. F. Ryder.....	Labor, moving, etc.....	1.22
Do.....	Car fare, ferrage.....	17.53
Hooper-Lewis Co.....	Service of horse and buggy.....	45.00
J. F. Ryder.....	Street-car fare and ferrage.....	13.94
Do.....	Service of horse and buggy.....	45.00
Do.....	Service of horse and buggy.....	45.00
Do.....	Car fare.....	15.70
Hooper-Lewis Co.....	Stamps.....	2.40
Bay State Clean Towel Co.....	Paper, twine, etc.....	3.10
New England Telephone Co.....	Laundry.....	2.25
Trustees of the Oliver Building.....	Telephone.....	56.25
J. F. Ryder.....	Rent.....	225.00
Do.....	Car fare.....	14.50
Do.....	Drayage, stamps.....	2.50
Do.....	Service of horse and buggy.....	45.00
Do.....	Car fare.....	14.71
Do.....	Service of horse and buggy.....	45.00
Bay State Clean Towel Co.....	Laundry.....	6.72
J. F. Ryder.....	Service of horse and buggy.....	45.00
Do.....	Trays, syringes, etc.....	3.76
Trustees of the Oliver Building.....	Rent.....	225.00
Hooper-Lewis Co.....	Ink, skiver hooks.....	3.55
New England Telephone Co.....	Telephone.....	56.25
H. F. Dyer	Repairs to typewriter.....	9.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
Bay State Clean Towel Co.	Laundry	\$2.25
J. F. Ryder.	Car fare	12.80
E. P. Schaffter	Ink	1.00
Do.	Express	1.90
C. A. Schaufler	Service of horse and buggy	90.00
Do.	Laundry, ice, etc.	37.30
Bell Telephone Co.	Telephone	40.00
C. A. Schaufler	Service of horse and buggy	90.00
Densmore Typewriter Agency.	Repairs	11.05
Bell Telephone Co.	Telephone	40.00
C. A. Schaufler	Laundry, ice, etc.	38.68
Do.	do	31.75
Bell Telephone Co.	Telephone	40.00
C. A. Schaufler	Service of horse and buggy	90.00
Do.	Laundry, ice, etc.	34.68
Bell Telephone Co.	Telephone	40.00
C. A. Schaufler	Service of horse and buggy	90.00
T. W. Scott	Laundry, coal	6.40
Do.	do	4.05
Do.	Telephone	.80
T. A. Shipley	Service of janitor	9.86
Do.	Service of janitor, ink, chairs	12.76
Do.	Express and janitor	10.34
Do.	Janitor and wire	10.81
Belt Railroad and Stock Yards Co.	Rent	30.00
N. C. Sorensen.	Ink, street-car fare, etc.	11.40
Armstrong Laundry Co.	Laundry	1.76
Indianapolis Telephone Co.	Telephone	20.00
N. C. Sorensen.	Car fare, knives, etc.	11.15
Armstrong Laundry Co.	Laundry	1.76
Belt Railroad and Stock Yards Co.	Rent	30.00
Indianapolis Telephone Co.	Telephone	20.00
N. C. Sorensen.	Car fare, ink, etc.	10.77
Indianapolis Telephone Co.	Telephone	20.00
Belt Railroad and Stock Yards Co.	Rent	30.00
Armstrong Laundry Co.	Rent	30.00
Do.	Laundry	2.07
Belt Railroad and Stock Yards Co.	Rent	2.98
Indianapolis Telephone Co.	Telephone	30.00
N. C. Sorensen.	Car fare, lanterns, etc	13.47
Do.	Electric light	.75
A. H. Wallace	Telephone	9.00
Do.	Ink	3.00
E. J. & M. E. Adams	Rent	120.00
H. N. Waller	Car fare, laundry	12.44
W. B. Reed.	Construction of lockers	25.00
New York Telephone Co.	Telephone	20.46
H. N. Waller	Car fare, laundry	8.77
E. J. & M. E. Adams	Rent	120.00
New York Telephone Co.	Telephone	24.84
E. J. & M. E. Adams	Rent	120.00
H. N. Waller	Car fare, laundry	8.42
New York Telephone Co.	Telephone	15.75
H. N. Waller	Car fare, laundry	12.57
E. J. & M. E. Adams	Rent	120.00
New York Telephone Co.	Telephone	15.90
B. P. Wende.	Service of horse and buggy	30.00
Do.	do	30.00
East Buffalo Live Stock Exchange Co.	Rent	90.00
Fowler Manufacturing Co.	Laundry	5.09
Frontier Telephone Co.	Telephone	24.00
B. P. Wende.	Service of horse and buggy	30.00
Do.	Car fare	7.90
Do.	Ink	.75
Do.	Service of horse and buggy	30.00
Do.	do	30.00
Do.	Car fare	6.40
Do.	Ink, tacks, etc.	1.73
Do.	Padlocks and keys	4.50
Do.	Service of horse and buggy	30.00
East Buffalo Live Stock Exchange Co.	Rent	90.00
Fowler Manufacturing Co.	Laundry	5.09
B. P. Wende.	Service of horse and buggy	30.00
Do.	do	30.00
Fowler Manufacturing Co.	Laundry	5.09
East Buffalo Live Stock Exchange Co.	Rent	90.00
B. P. Wende.	Oil, knives, etc.	3.15
Do.	Bookcase	6.00
Do.	Car fare	8.60

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Article.	Amount.
B. P. Wende	Service of horse and buggy	\$30.00
Frontier Telephone Co.	Telephone	24.00
Consumers' Co.	Ice	39.48
Do.	Hydrox water	12.00
Transit House Stores	Coal	18.00
Chicago Telephone Co.	Telephone	51.25
Stock Yards Hardware and Paint Co.	Pail, shovel, brushes	1.10
Chicago Towel Supply Co.	Laundry	115.60
S. W. Burt	Service of saddle horse	25.00
H. W. Hawley	Service of horse and buggy	29.50
Total		35,451.85

MICROSCOPIC INSPECTION OF PORK.

Name.	Salary.	Name.	Salary.
Allyn, Amelia M.	\$386.85	Housman, C. A. (name changed to C. A. Eaid)	\$300.00
Armstrong, M. S.	373.02	Huestis, Stella	91.35
Atwood, M. A.	401.85	Hunt, Myrtle A.	392.21
Bablick, May E.	393.45	Hurley, Mary	368.45
Baker, Howard	800.00	Ingram, Sarah A.	393.45
Bannister, Ida	354.18	Jackson, E.	60.00
Barnes, Mehetable	371.40	Jacobus, Herman	478.00
Barry, Mary K.	384.73	Johnson, Louise	390.54
Beck, M. B.	109.16	Joslin, M. B.	394.72
Benneson, A. E.	395.55	Kean, M. E.	352.15
Bixby, M. A.	380.11	King, Harriet F.	371.81
Bonds, E. C.	360.05	Lawrence, Anastasia	377.22
Boyd, V. E.	288.09	Lawson, Alice	369.26
Brady, K. H.	395.55	Leahy, M. E.	323.38
Brandt, M. E.	380.49	Lindberg, O. E.	226.00
Brittan, M. A.	395.55	Luce, K. R.	391.78
Burke, L. D.	143.55	Luce, E. B.	416.66
Burke, Margaret	320.98	Lorenzen, J. C.	480.00
Carter, D. M.	36.67	Lowe, C. D.	240.00
Casey, K. A.	308.78	Lynch, Mary	196.25
Clark, A. F.	385.55	McClure, J. H.	225.00
Clark, M. B.	50.00	McDonnell, Rosanna	388.06
Colvin, M. A.	401.85	McGlasson, L. G.	391.35
Connell, M. J.	393.88	Mace, A. T.	374.68
Conway, Nora	388.44	Maus, D. C.	393.52
Cooley, Katie	35.00	Miller, F. F.	344.27
Cowan, Trescy	187.44	Murray, M. F.	388.01
Crowell, L. M.	100.00	Neil, Elizabeth S.	395.55
Culbert, R. W.	480.00	Nicolia, Annie	368.44
Damon, N. E.	374.72	Ogden, B. D.	379.06
Davis, Estelle G.	92.40	Ogden, J. G.	302.14
Davis, N. B. (name changed to N. B. Dorthc)	276.66	Olson, Louise C.	341.78
Day, L. E.	1,000.00	Olson, F. G.	268.00
Dietz, Delia	333.35	Orme, F. W.	360.00
Diller, B. L.	391.39	Price, Mary E.	35.00
Dewey, E. W.	240.00	Puette, Grace	393.88
Dorthc, N. B. (see N. B. Davs.)	93.45	Potts, John	240.00
Donnellan, K. A. (see Katharine Wel- land)	263.32	Quinn, Anna M.	374.68
Eaid, C. A. (see C. A. Housman)	80.85	Rice, Belle (see Belle Ritter)	59.85
Earle, E. B.	369.76	Ritter, Belle (name changed to Belle Rice)	261.67
Enright, Margaret	201.83	Rieder, Agnes B.	391.35
Evanson, Matilda	346.72	Riley, Sarah A.	370.21
Fancher, E. M.	392.25	Robinson, Lila	354.29
Faust, Louise	401.85	Rockwell, Josephine	383.88
Goggins, M. F.	282.59	Rockwell, Mabel	244.72
Gorman, Mary	392.22	Roy, Blanche	366.39
Grosse, C. R.	369.73	Rutledge, Blanche	387.19
Hatch, Jennie E.	395.55	Ryan, N. A.	248.24
Healy, B. M.	386.79	Sauer, Theodore	480.00
Heil, Tillie	395.55	Sage, Fannie	401.85
Hickman, Jessie	300.00	Sawhill, D.	394.34
Hogan, Margaret	401.85	Sayre, Edith M.	316.90
Holland, Nellie	374.50	Scanlon, Hannah	395.55
Holmes, C. E.	25.00	Searles, Mae	213.58
Hotchkiss, M. E.	207.62	Shaw, Mae H.	384.51
Hoskins, Selena	240.00	Sheehan, Mary	269.07

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1906—Continued.

MICROSCOPIC INSPECTION OF PORK—Continued.

Name.	Salary.	Name.	Salary.
Sheehan, Nellie.....	\$375.55	Tully, Katharine.....	\$386.35
Shevlen, L. E.....	393.51	Walters, M. E.....	166.67
Shufeldt, Jennie M.....	354.18	Wainwright, H. L.....	371.01
Sine, J. B.....	800.00	Welland, Katharine (name changed to K. A. Donellan).....	89.25
Somers, Mary.....	346.51	Wells, Carrie.....	373.81
Spencer, C. G.....	60.00	Wertha, Clara.....	381.39
Spencer, Lizzie.....	346.85	Williams, Marion.....	391.78
Stevens, Mable F.....	354.31	Williams, M. E.....	366.39
Stewart, Daisy.....	388.87	Woolin, J. E.....	480.00
Sutherland, W. O.....	370.74	Total.....	43,862.70
Teeter, H. T.....	148.00		
Tully, Josephine C.....	384.72		

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
American Tag Co.....	Duplicate tags.....	\$18.00
M. Joyce Engraving Co.....	Engraving.....	.50
H. S. Bartlett & Co.....	Clippers.....	9.60
E. J. Brooks & Co.....	Compressor glasses.....	82.25
American Tag Co.....	Tag fasteners.....	2.00
Geo. E. Howard.....	Certificates.....	75.00
American Tag Co.....	Meat barbs.....	4.00
Do.....	....do.....	8.00
Do.....	Duplicate tags.....	18.00
Do.....	Meat barbs.....	6.00
Do.....	Duplicate tags.....	18.00
Do.....	Meat barbs.....	6.00
Do.....	....do.....	2.00
Kelly Towel Co.....	Laundry.....	15.25
Do.....	....do.....	4.02
J. C. Lorenzen.....	Service of horse and wagon.....	33.75
Do.....	....do.....	33.75
Gahan & Byrne.....	Rent.....	675.00
Chicago Towel Supply Co.....	Laundry.....	122.93
Consumer's Co.....	Ice.....	28.45
J. C. Lorenzen.....	Service of horse and wagon.....	35.10
Do.....	....do.....	32.40
Chicago Towel Supply Co.....	Laundry.....	121.52
J. Haberle.....	Repair lock boxes, etc.....	3.75
Gahan & Byrne.....	Rent.....	675.00
Consumer's Co.....	Ice.....	22.90
J. C. Lorenzen.....	Service of horse and wagon.....	33.75
Do.....	....do.....	21.60
Gahan & Byrne.....	Rent.....	675.00
Consumer's Co.....	Ice.....	18.95
Chicago Towel Co.....	Laundry.....	46.72
J. C. Lorenzen.....	Service of horse and wagon.....	33.75
J. B. Sine.....	....do.....	10.65
J. Haberle.....	Repair to ice box.....	1.25
J. C. Lorenzen.....	Service of horse and wagon.....	36.45
Do.....	....do.....	35.10
Gahan & Byrne.....	Rent.....	675.00
J. F. Ryder.....	Express.....	3.00
J. C. Lorenzen.....	Service of horse and wagon.....	35.10
Total.....		3,679.49

Statement of disbursements from appropriation for experiments in animal breeding and feeding, Bureau of Animal Industry, for the fiscal year ended June 30, 1906.

COOPERATIVE EXPERIMENTS WITH STATE AGRICULTURAL EXPERIMENT STATIONS.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Armsby, H. P.	\$1,000.00		Transportation--Continued.		
Bell, G. A.		\$223.86	Pullman Co.—		
Braman, W. W.	840.00		Geo. M. Rommel.		\$3.50
Carlyle, W. L.	1,000.00		Do.		3.00
Cary, Eli P.	54.50		Do.		4.00
Christensen, F. W.	193.67		Rutland R. R. Co.—		
Curtiss, C. F.	150.00	212.47	Geo. M. Rommel.		4.28
Curtice, Cooper	458.34		Do.		6.63
Davies, L. R.	181.33		Do.		5.63
Duggar, J. F.	450.00	29.83	Baltimore and Ohio R. R.		
Faber, Walter	120.00		Co.—		
Fries, J. August	637.00		Geo. F. Thompson.		17.00
Frisbie, W. S.	20.00		Do.		17.50
Gaumnitz, D. A.	20.00	13.18	Geo. M. Rommel.		10.00
Gowell, G. M.	500.00		Central R. R. of New		
Hamner, N. C.	227.50		Jersey, Michael Vella		
Hutton, James	356.67		New York, New Haven		
Kernochan, Jno. S.	58.34		and Hartford Rwy. Co.—		
Kirkpatrick, W. F.	595.97		Geo. M. Rommel.		2.85
Kolbe, D. W.	333.00		Do.		2.25
McFarlane, A.	705.55		Pennsylvania R. R. Co.—		
Nutter, Jos.	45.50		Geo. M. Rommel.		10.00
Peck, Cassius		28.31	Geo. F. Thompson.		6.50
Rommel, Geo. M.		369.71	White Star Line S. S. Co.,		
Taylor, Lyman	74.00		Michael Vella		
Thompson, George F.		346.92	Atchison, Topeka and		
Tuthill, H.	100.00	12.05	Santa Fe Rwy. Co., Geo.		
Vella, Michael	276.66		M. Rommel.		
Ward, W. F.	720.00	242.37	Baltimore and Ohio R. R.		
Transportation:			Co.—		
Chicago and Eastern Illinois R. R., Geo. M. Rommel.		21.00	G. A. Bell.		20.00
Southern Rwy. Co., Geo. M. Rommel.		22.00	Do.		6.90
Western Rwy. of Alabama—			Chicago, Burlington and		
Geo. M. Rommel.	5.47		Quincy Rwy. Co.—		
Do.	3.27		D. A. Gaumnitz.		11.50
Baltimore and Ohio R. R. Co.—			Geo. M. Rommel.		22.50
Geo. M. Rommel.	10.00		Chicago and Northwest-		
Do.	17.00		ern Rwy. Co.—		
Do.	10.00		Geo. M. Rommel.		18.80
Do.	10.00		Do.		12.40
Do.	12.63		Do.		27.30
Central R. R. Co. of New Jersey—			Cleveland, Cincinnati, Chi-		
Geo. M. Rommel.	10.00		cago and St. Louis Rwy.		
Do.	19.50		Co., G. A. Bell.		7.05
Central Vermont Rwy., G. A. Bell	3.43		Colorado and Southern		
Chesapeake and Ohio R. R.—			Rwy., Geo. M. Rommel.		5.55
Geo. M. Rommel.	15.70		Illinois Central R. R. Co.,		
Do.	16.00		G. A. Bell.		4.75
Louisville and Nashville R. R. Co., Geo. M. Rommel.	15.70		Lake Shore and Michigan		
New York Central and Hudson River R. R. Co.—			Southern Rwy. Co., G.		
Geo. M. Rommel.	7.63		A. Bell.		8.25
Do.	13.26		New York Central and		
Do.	8.96		Hudson River R. R. Co.,		
Pennsylvania R. R. Co., G. A. Bell.	6.50		D. A. Gaumnitz.		22.00

Total: Salary, \$9,118.03; travel, \$2,080.60.

Statement of disbursements from appropriation for experiments in animal breeding and feeding, Bureau of Animal Industry, etc.—Continued.

COOPERATIVE EXPERIMENTS, ETC.—Continued.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
H. P. Armsby	Service of laborer	\$8.40
Pennsylvania Bridge Co.	Platform	110.00
H. P. Armsby	Service of laborer	36.50
Do.	do	23.40
Do.	do	19.35
Do.	do	1.25
Harley Ayer	Morgan mare	200.00
E. W. Chappell	do	250.00
Gay Bros.	do	1,000.00
J. B. Castlemann	do	1,000.00
E. C. Ryder	do	300.00
J. C. Coochie	do	200.00
W. B. Wright	do	300.00
Joseph Battell	do	1,500.00
E. D. Hinds	do	500.00
Henry Miller	Feed of horses	47.61
Denver Photograph Co.	Photographs of horses	15.04
A. P. Greenacre	Upland hay	768.52
Fort Collins Mill Co.	Oats	515.24
Denver Photograph Co.	Graflex camera	49.00
A. C. Hathaway	Moving barn	850.50
Wm. Cayea	Model and addition to barn	1,649.50
Portland Rendering Co.	Cracked bone	161.00
J. C. Towels & Co.	Ground oyster shells	151.80
I. A. Barstow	Cracked corn	87.20
I. P. Roosa	Duty on goats	166.40
Maryland Experiment Station	Maltese kids	10.00
Anderson Lumber Co.	Crates	22.40
S. G. Adams	Moving goat barn	160.00
Jordan Bros.	Fence for goat pasture	159.04
Connecticut Experiment Station	Labor and material	132.85
Do.	do	322.11
Jordan Bros.	Gates	50.66
Connecticut Experiment Station	Labor on goat barn	49.34
Do.	do	25.50
H. J. Patterson	Expenses for milch goats	181.75
O'Brien Bros.	Corn	22.86
Campbell & Morrell	Hay	8.68
Post & Van Dillen	Coal; feed for goats	11.25
G. W. Pope	Oil, glass, etc.	9.30
Post & Van Dillen	Coal	12.50
G. W. Pope	Rope	.68
O'Brien Bros.	Corn	32.14
Do.	Hay, salt, etc.	36.73
Do.	Corn and hay	12.50
Post & Van Dillen	Coal	16.56
O'Brien Bros.	Hay, corn	29.54
Post & Van Dillen	Stove	6.25
G. W. Pope	Services of laborer	35.70
Do.	Rope, milk	1.17
Do.	Advertising for goatherd	.75
Jno. Post	Oats	12.05
G. F. Thompson	Purchase of goats and feed	1,768.00
Campbell & Morrell	Corn, hay	18.48
Post & Van Dillen	Coal	6.25
O'Brien Bros.	Hay, oats	21.65
G. W. Pope	Crates	7.53
Jno. Post	Hay, corn	26.09
E. P. & S. L. Tucker	Corn, wheat	83.53
Do.	Concentrated milk	17.00
T. E. Perry	Cedar posts	40.00
Hurd Bros.	Oats, wheat	30.12
E. P. & S. L. Tucker	do	29.70
H. J. Wheeler	Labor, etc.	38.93
Barker & Chadsey	Poultry netting	99.81
H. J. Wheeler	Labor, etc.	12.00
Do.	do	.60
R. P. Skinner (consul-general to France)	Expenses, imported zebra	218.81
D. Frank Parker	Mimeograph	30.00
W. S. Sheetz	Kodak	37.40
E. J. Pullman	Photograph paper	2.75
S. D. Houck	Harness	7.50
Total		13,769.17

Statement of disbursements from the appropriation for salaries, Bureau of Animal Industry, for the fiscal year ended June 30, 1906.

STATUTORY ROLL.

Name.	Salary.	Name.	Salary.
Abel, Joseph.....	\$1,600.00	Newmyer, E. J.....	\$1,391.67
Allen, Burr.....	711.11	Nicholas, John.....	720.00
Berlin, S. S.....	480.00	Oberly, B. C.....	1,400.00
Brez, Colman.....	1,200.00	Patton, H. Maria.....	513.33
Browning, Rose.....	240.00	Pennywitt, W. C.....	147.78
Carroll, C. C.....	1,447.22	Perry, J. M.....	330.00
Cassell, A. C.....	600.00	Knott, L. R.....	638.00
Castleman, S. D.....	720.00	Perry, Owen R.....	360.00
Cohran, J. R.....	863.90	Pew, I. W.....	1,516.67
Cross, C. H.....	1,216.67	Pfender, C. A.....	1,191.67
Dent, M. T.....	1,070.00	Phillips, A. E.....	480.00
Edsall, H. M.....	808.33	Pickens, J. M.....	1,891.67
Evans, I. C. I.....	1,600.00	Rapp, E. V.....	800.00
Fagan, M. E.....	1,200.00	Reamy, T. B.....	70.00
Fossum, Andrew.....	1,400.00	Reeves, S. R.....	994.44
Fravel, F. R.....	1,316.67	Reynolds, McP.....	1,400.00
Gerdes, H. H.....	1,800.00	Rice, J. A.....	1,391.67
Goetz, L. B.....	770.00	Roberts, John.....	1,516.67
Goodpasture, C. O.....	1,591.67	Ruppel, Albert.....	80.00
Graves, J. M.....	1,200.00	Russell, G. H.....	650.00
Gregory, F. N.....	1,400.00	Salmon, D. E.....	2,083.32
Haines, W. S. D.....	1,400.00	Scheerer, G. W.....	660.00
Henderson, Alice.....	897.50	Scott, T. A.....	1,224.66
Hickey, E. J.....	150.00	Scribner, Le Roy.....	1,191.67
Hickman, Jessie.....	360.00	Shimoneck, W. C.....	720.00
Hollige, A. H.....	720.00	Simonton, L. J.....	840.00
Hornbaker, J. N.....	1,200.00	Skidmore, J. F.....	330.00
Houghton, N. F.....	1,200.00	Stedman, R. G.....	720.00
Housman, A. M.....	777.78	Stedman, W. P.....	840.00
Johnson, V. E.....	600.00	Sullivan, Mary.....	1,400.00
Johnston, E. C.....	1,116.66	Swank, W. R.....	995.34
Jones, E. B.....	2,000.00	Thompson, G. F.....	1,033.33
Jones, Willie W.....	60.00	Thompson, R. E. L.....	1,100.00
Kite, A. H.....	360.00	Tyson, Fanny.....	904.17
La Pelle, Zebedee.....	762.22	Walters, M. E.....	480.00
Lyons, Evelyn.....	1,400.00	Waring, J. H.....	416.67
Mahon, M. H.....	1,200.00	Wasdon, B. G.....	1,200.00
Maloy, E. J.....	1,000.00	Wesley, Chas.....	488.33
Marshall, M. G.....	1,200.00	Woodin, G. L.....	1,000.00
Melvin, A. D.....	2,625.00	Total.....	78,742.96
Meyst, F. W.....	50.00		
Myers, Carrie.....	1,316.67		

Statement of disbursements from appropriation for urgent deficiency, Bureau of Animal Industry, fiscal year ended June 30, 1906.

MEAT INSPECTION.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Adams, Charles.....	\$75.00	\$4.10	Butin, G. E.....	\$350.00	.....
Adams, Ethan.....	180.00	.....	Carter, Clifton.....	180.00	.....
Adams, N. R.....	225.00	.....	Casper, G. T.....	50.00	.....
Allen, F. T.....	200.00	.....	Cathel, G. T.....	225.00	.....
Allen, R. M.....	26.67	.....	Cannon, E. C.....	225.00	.....
Allingham, E. T.....	72.00	.....	Clark, T. G.....	225.00	.....
Atherton, Wm. T.....	200.00	.....	Cloud, J. E.....	241.67	\$2.75
Babcock, H. C.....	362.49	.....	Colson, C. F.....	300.00	.....
Barthold, E. W.....	350.00	.....	Condon, Jas.....	180.00	.....
Bell, E. W.....	225.00	.....	Conway, W. T.....	100.00	.....
Bender, J. E.....	300.00	.....	Cooper, D. G.....	375.00	.....
Best, George.....	75.00	.....	Crandall, W. W.....	225.00	.....
Biggs, A. W.....	225.00	.....	Croft, V. F.....	120.00	.....
Bray, Stephen.....	180.00	.....	Cunningham, B.....	225.00	.....
Broadhurst, R. A.....	37.50	.....	Dammann, F. A.....	178.00	.....
Bromell, G. W.....	300.00	.....	Day, C. M.....	375.00	.....
Bruette, Wm. A.....	375.00	.....	De Hart, L. J.....	178.00	.....
Burgess, J. L.....	83.34	.....	Elliott, J. A.....	75.00	.....
Burgess, Wm.....	225.00	.....	Ewing, J. L.....	60.00	.....
Burrows, W. E.....	204.00	4.60	Farley, A. J.....	100.00	29.20
Burt, S. W.....	450.00	.....	Farley, D. S.....	150.00	2.35
Burton, J. W.....	225.00	.....	Foster, J. V.....	226.67	.....
Burwell, Wm.....	150.00	.....	Freeman, H. D.....	225.00	.....
Busman, Herman.....	300.00	8.75	Frey, Joseph.....	200.00	.....

Statement of disbursements from appropriation for urgent deficiency, Bureau of Animal Industry, fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Gobble, Washington.	\$225.00		Trees, O. P.	\$36.00	
Gove, A. W.	180.00		Veldhuis, Z.	100.00	
Graham, E. R.	225.00		Wade, T. J.	225.00	
Griffin, P. H.	75.00		Waldron, A. W., jr.	10.00	
Grove, John S.	375.00		Walkley, S. J.	75.00	
Halbisch, Harry.	120.00		Waller, H. L.	146.00	\$13.59
Harpst, Wm.	225.00		Walsh, Richard	195.00	
Hattery, Morton.	180.00		Ward, G. R.	216.66	
Henderson, E. P.	273.33		Waterman, F. D.	225.00	
Hines, L. M.	180.00		West, Laomer.	175.01	10.75
Holland, Jeremiah.	225.00		White, T. A.	225.00	
Hurt, L. M.	53.33		Winant, F. I.	58.34	30.55
Ingram, S. R.	63.33		Wood, G. W.	75.00	7.50
Irving, Artemus.	83.34		Yenner, B. H.	36.67	
Jacobus, Herman.	75.00		Transportation:		
Jenkins, William.	60.00	\$28.15	Atchison, Topeka and Santa Fe Rwy. Co.—		
Jenison, J. S.	25.00		I. C. Mattatall		7.00
Johnson, G. Abbott	93.33		Do		4.65
Johnson, Raymond.	304.17		Do		6.15
Jones, T. H.	350.00	6.75	Do		1.53
Jordan, J. F.	83.34		Chicago and Alton R. R.		
Keyser, C. T.	180.00		W. F. Lavery.		12.50
Kidder, Julius.	83.34		Chicago, Burlington and Quincy Rwy. Co.—		
Knauss, J. E.	23.33		I. C. Mattatall		1.90
Kochanowski, R.	225.00		Do		3.10
Koen, A. R.		55.85	A. J. Farley		50.00
Kostal, Anton.	210.00		Chicago, Indianapolis and Louisville Rwy. Co.—		
Lavery, W. F.	133.34	6.50	D. S. Farley		3.60
Leonard, H. B.	296.67		J. E. Cloud		3.60
Leyser, J. C.	150.00		Chicago, Milwaukee and St. Paul Rwy. Co.—		
Lindberg, O. E.	202.00		H. Busman		14.90
Loman, Fred.	75.00		I. C. Mattatall		2.74
Lyle, H. S.	180.00	4.09	Do		5.96
McCauley, R. A.	173.33		Chicago and Northwest- ern Rwy. Co., I. C. Mat- tatall.		3.15
McCray, W. H.	40.00		Chicago, Rock Island and Pacific Rwy. Co.—		
McDonald, Jas.	205.00		I. C. Mattatall		1.60
McLaughlin, P. S.		24.15	Do		2.23
Madden, M. J.	225.00		Do		8.90
Manny, A. M.	62.50	5.25	Do		5.63
Marshall, Henry.	133.33		Do		2.70
Mattatall, I. C.	325.00	189.00	Cleveland, Cincinnati Chicago and St. Louis- Rwy. Co., J. S. Oldham		5.20
Matthews, J. K.	150.00		Illinois Central R. R. Co., G. W. Wood		14.90
Miller, A. E.	225.00		Iowa Central Rwy. Co., I. C. Mattatall		2.64
Miller, Chester.	125.00	29.15	Michigan Central Rwy., A. M. Manny		6.75
Miller, H. L.	36.00		Missouri, Kansas and Texas Rwy., I. C. Mat- tatall		14.50
Miner, G. H.	226.67		Missouri Pacific Rwy. Co.—		
Morgan, Porter.	225.00		I. C. Mattatall		1.24
Murphy, Jas. A.	225.00		D		1.41
Murphy, John.	225.00		Do		5.80
Myers, W. A.	273.33		C. Miller		13.60
O'Brien, Terence.	225.00		Pennsylvania R. R., T. H. Jones		
Oldham, J. S.	150.00	2.90	Texas Pacific Rwy. Co., William Jenkins		
Payne, A. D.	75.00		Atchison, Topeka and Santa Fe R. R. Co.—		
Potratz, H. F.	200.00		S. T. Smith		22.55
Quirk, M. J.	75.00		C. Adams		6.55
Rapp, C. A.	353.33		Chicago, Rock Island and Pacific Rwy. Co., I. C. Mattatall		9.76
Reed, W. W.	192.00				
Reynolds, J. B.	300.00	191.35			
Rosenberger, Maynard	200.00				
Robertson, J. T.	180.00				
Ryan, J. J.	225.00				
Sappington, M. A.	325.00				
Sarsfield, J. W.	225.00				
Schofield, Major.	173.33				
Schroeder, Frank.	225.00				
Smith, S. T.	75.00	9.70			
Smith, W. A.	150.00				
Smith, W. H., jr.	400.00				
Somerville, S., jr.	190.00				
Spencer, C. G.	180.00				
Stephens, R. A.	196.67				
Stephens, S. H.	183.33				
Stevens, F. L.	125.00				
Swain, A. A.	34.00				
Tierney, D. D.	180.00				
Tiffany, J. B.	83.33				
Townsend, N. L.	312.50	21.30			

Total: Salary, \$24,975.52; travel, \$990.02.

Statement of disbursements from appropriation for urgent deficiency, Bureau of Animal Industry, fiscal year ended June 30, 1906—Continued.

MEAT INSPECTION—Continued.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
G. E. Howard.....	Certificates.....	\$250.00
Geo. S. Baker.....	Service of laborer.....	6.00
H. Busman.....	Copying press.....	10.35
Raymond Johnson.....	Ink, express.....	.70
Do.....	Laundry, soap.....	1.35
Do.....	Laundry.....	.45
Chester Miller.....	Laundry.....	.50
A. E. Rishel.....	Service of laborer.....	20.00
Do.....	do.....	16.00
N. L. Townsend.....	Service of saddle horse.....	25.00
Do.....	do.....	25.00
F. I. Winant.....	Express.....	1.20
J. E. Cloud.....	Laundry, chair, and knives.....	9.45
Total.....		366.00

MICROSCOPIC INSPECTION OF PORK.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Allen, Amelia M.....	\$12.60	.....	Healy, B. M.....	\$99.75	.....
Armstrong, M. S.....	99.75	.....	Heil, Tillie.....	91.35	.....
Atwood, M. A.....	73.50	.....	Hickey, W. P.....	300.00	.....
Bablick, M. E.....	99.75	.....	Hogan, Margaret.....	68.25	.....
Baker, Howard.....	400.00	.....	Holland, Nellie.....	75.60	.....
Balzer, Emil.....	159.44	\$90.00	Hoskin, Selena.....	69.50	.....
Bannister, Ida.....	101.85	.....	Hotchkiss, M. E.....	97.65	.....
Barnes, Mehetable.....	73.50	.....	Huestis, Stella.....	72.45	.....
Barry, M. K.....	93.45	.....	Hunt, M. A.....	73.50	.....
Bennison, A. E.....	97.65	.....	Hunter, T. A.....	60.00	.....
Bixby, M. A.....	92.40	.....	Hurley, Mary.....	88.20	.....
Blair, J. T.....	240.00	.....	Ingram, S. A.....	72.45	.....
Bonds, E. C.....	97.65	.....	Jackson, Edgar.....	280.00	.....
Boyd, V. E.....	95.55	.....	Jacobus, Herman.....	180.00	.....
Brady, K. H.....	91.35	.....	Jaquia, G. E.....	300.00	.....
Brandt, M. E.....	99.75	.....	Jenison, J. S.....	220.00	.....
Brittan, M. A.....	98.70	.....	Johnson, Louise.....	97.65	.....
Burke, L. D.....	56.18	.....	Joslin, M. B.....	73.50	.....
Burke, Margaret.....	39.90	.....	Kean, M. E.....	93.45	.....
Casey, K. A.....	30.45	.....	Kelley, S. G.....	65.10	.....
Cherrington, W. P.....	187.50	.....	King, H. F.....	86.10	.....
Clark, A. F.....	65.10	.....	Laurance, Anastasia.....	70.35	.....
Clarke, W. D.....	240.00	.....	Lawson, Alice.....	88.20	.....
Colvin, M. A.....	73.50	.....	Leahy, M. E.....	90.30	.....
Connell, M. J.....	96.60	.....	Lorenzen, J. C.....	240.00	.....
Conway, Nora.....	99.75	.....	Lowe, C. D.....	150.00	.....
Cowan, Tresey.....	39.90	.....	Luce, K. R.....	61.95	.....
Culbert, R. W.....	198.00	.....	Lynch, Mary.....	15.00	.....
Damon, N. E.....	101.85	.....	McDonnell, Rosanna.....	97.65	.....
Danaher, W. E.....	240.00	.....	McGlasson, L. G.....	101.85	.....
Davis, E. G.....	80.85	.....	Mace, Amy T.....	94.50	.....
Day, L. Enos.....	500.00	.....	Maus, Daisy C.....	70.35	.....
Dewey, E. W.....	69.50	.....	Miller, F. F.....	99.75	.....
Dietz, Delia.....	97.65	.....	Murray, M. F.....	101.85	.....
Diller, B. L.....	101.85	.....	Neil, E. L.....	99.75	.....
Donnellan, K. A. (née Wel- land).....	93.45	.....	Nicolai, Annie.....	101.85	.....
Dortch, N. D. (née Davis).....	97.65	.....	Ogden, B. D.....	96.60	.....
Eaid, Cora A. (née Housman).....	99.75	.....	Ogden, J. G.....	98.70	.....
Earle, E. B.....	99.75	.....	Olson, L. C.....	94.50	.....
Elliott, J. A.....	180.00	.....	Parker, M. E.....	77.70	.....
Ellis, E. M.....	77.70	.....	Potts, John.....	240.00	.....
Enright, Margret.....	35.70	.....	Price, M. E.....	39.90	.....
Evanson, Matilda.....	87.15	.....	Puette, Grace.....	85.05	.....
Ewing, J. L.....	90.00	.....	Quinn, A. M.....	99.75	.....
Fansher, E. M.....	39.90	.....	Rice, Belle (née Ritter).....	52.50	.....
Farwell, A. M.....	77.70	.....	Rieder, A. B.....	94.50	.....
Faust, Louise.....	63.00	.....	Riley, S. A.....	100.80	.....
Gage, A. F.....	77.70	.....	Robinson, Lila.....	95.55	.....
Goggin, M. F.....	90.30	.....	Rockwell, Josephine.....	101.85	.....
Gorman, Mary.....	101.85	.....	Rockwell, Mabel.....	86.10	.....
Gross, C. R.....	95.55	.....	Roy, Blanche.....	101.85	.....
Hatch, J. E.....	97.65	.....	Rutledge, Blanche.....	99.75	.....
			Ryan, N. A.....	57.75	.....

Statement of disbursements from appropriation for urgent deficiency, Bureau of Animal Industry, fiscal year ended June 30, 1906—Continued.

MICROSCOPIC INSPECTION OF PORK—Continued.

Name.	Salary.	Travel.	Name.	Salary.	Travel.
Sage, Fannie.....	\$73.50	.....	Sutherland, W. O.....	\$99.75	.....
Sawhill, Dora.....	39.90	.....	Tully, J. C.....	96.60	.....
Sayre, E. M.....	39.90	.....	Tully, Katharine.....	97.65	.....
Scanlon, Hannah.....	99.75	.....	Turner, A. J.....	240.00	.....
Schlytter, H. R.....	240.00	.....	Wainwright, H. L.....	39.90	.....
Searles, Mae.....	96.60	.....	Ward, C. L.....	77.70	.....
Shaw, M. H.....	99.75	.....	Washburn, F. R.....	106.00	.....
Sheehan, Mary.....	96.60	.....	Walkley, J. S.....	180.00	.....
Sheehan, Nellie.....	91.35	.....	Wells, Carrie.....	97.65	.....
Shevlen, L. E.....	39.90	.....	Wertha, Clara.....	61.95	.....
Shufeldt, J. M.....	88.20	.....	Williams, Marion.....	101.85	.....
Sine, J. B.....	400.00	.....	Williams, M. E.....	99.75	.....
Smart, M. M.....	77.70	.....	Woodbury, C. L.....	77.70	.....
Smith, H. A.....	240.00	.....	Woolin, J. E.....	240.00	.....
Somers, Mary.....	97.65	.....	Transportation:		
Spencer, Lizz c.....	39.90	.....	New York, New Haven		
Stevens, F. L.....	187.50	.....	and Hartford R. R. Co —		
Stevens, M. F.....	39.90	.....	E. Balzer.....		\$5.00
Stewart, Da'sy.....	97.65	.....	Do.....		5.00

Total: Salary, \$15,323.22; travel, \$100.

MISCELLANEOUS EXPENSES.

Name.	Article.	Amount.
E. J. Brooks & Co.....	Compressor glasses.....	\$82.25
American Tag Co.....	Duplicate tags.....	90.00
Do.....	Tag fasteners.....	40.00
J. Haberle.....	Lock boxes.....	7.50
American Tag Co.....	Duplicate tags.....	9.00
Barber & Ross.....	Scissors.....	45.00
Do.....	do.....	30.00
Miller Lock Co.....	Padlocks.....	49.00
M. E. Bruce.....	Labor.....	3.33
Do.....	do.....	12.50
Do.....	do.....	2.50
J. C. Lorenzen.....	Service of horse and wagon.....	36.45
Total.....		407.53

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Albuquerque, N. Mex.</i>				
Allen, Ed. R.....	Assistant inspector.....	\$1,200.00	July 1, 1905	Nov. 30, 1905 ^a
Do.....	do.....	1,200.00	May 1, 1906	June 30, 1906
Ball, Harry M.....	Inspector.....	1,500.00		
Blanche, Richard J.....	do.....	1,500.00		
Brown, Virgil L.....	Tagger.....	720.00	May 1, 1906	Do.
Cady, Bert J.....	Assistant inspector.....	1,200.00	Apr. 16, 1906	Do.
Casper, George T.....	do.....	1,200.00	do.....	Do.
Coulter, Chas. M.....	Tagger.....	720.00	July 1, 1905	Nov. 30, 1905 ^a
Covington, Percy C.....	do.....	720.00	Apr. 18, 1906	June 30, 1906
Creech, Gilbert T.....	do.....	840.00		
Durham, Leon.....	Stock examiner.....	900.00	July 1, 1905	Mar. 31, 1906
Do.....	Fied stock examiner.....	1,000.00	Apr. 1, 1906	June 30, 1906
Graham, Ralph.....	Assistant inspector.....	1,200.00	Apr. 16, 1906	May 31, 1906
Harmon, Arthur A.....	do.....	1,200.00	Jan. 16, 1906	June 30, 1906
Haskett, Bert.....	Stock examiner.....	900.00	Apr. 12, 1906	Do.
Heacock, Clyde C.....	Assistant inspector.....	1,200.00	July 1, 1905	Apr. 15, 1906
Do.....	Inspector.....	1,400.00	Apr. 16, 1906	June 30, 1906
Hougendobler, J. J.....	do.....	1,400.00	Apr. 18, 1906	Do.

a Services ended.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Albuquerque, N. Mex.—Con.</i>				
Imes, Marion	Inspector	\$1,400.00	July 1, 1905	Mar. 31, 1906
Do	do	1,500.00	Apr. 1, 1906	June 30, 1906
Kampschmidt, Frank L.	Assistant inspector	1,200.00	July 1, 1905	Dec. 31, 1905 ^b
Keleher, Wm. J.	Tagger	720.00	Oct. 16, 1905	Nov. 15, 1905 ^a
Leysen, Jeremiah C.	do	720.00	July 1, 1905	July 24, 1905
Do	Stock examiner	900.00	July 25, 1905	June 30, 1906
Lipp, George A.	Assistant inspector	1,200.00	Apr. 12, 1906	Do.
Markert, George	Stock examiner	900.00	Apr. 4, 1906	Do.
Metsker, Louis	Inspector	1,600.00	do	
Morrissey, Leo W.	Tagger	840.00	July 1, 1905	Apr. 30, 1906
Do	Stock examiner	900.00	May 1, 1906	June 30, 1906
Nelson, J. I.	do	900.00	Apr. 5, 1906	Do.
Newlove, Harry S.	Clerk	900.00	Aug. 1, 1905	Do.
Oren, John C.	Field stock examiner	1,000.00	July 1, 1905	Sept. 15, 1905 ^a
Richmond, Xavia I.	Inspector	1,400.00	do	Nov. 15, 1905 ^b
Robinson, Geo. H.	Stock examiner	900.00	do	Mar. 31, 1906
Do	do	1,000.00	Apr. 1, 1906	June 30, 1906
Sargent, Linus E.	Field stock examiner	1,000.00	Apr. 12, 1906	Do.
Savage, Willard A.	Inspector	1,500.00	do	
Schafer, Cecil K.	Field stock examiner	1,000.00	Apr. 1, 1906	Do.
Schneider, Fredk. L.	Assistant inspector	1,200.00	July 10, 1905	May 30, 1906 ^a
Skinner, Wm. A.	do	1,200.00	do	
Smith, Edward M.	Stock examiner	900.00	do	
Speake, Edward O.	Field stock examiner	1,000.00	do	
Spindler, Edwin S.	Tagger	840.00	July 1, 1905	Apr. 30, 1906
Do	Stock examiner	900.00	May 1, 1906	June 30, 1906
Washburne, Fred R.	Tagger	840.00	July 1, 1905	Apr. 4, 1906 ^b
West, Laomer	Assistant inspector	1,200.00	do	Aug. 31, 1905 ^b
Young, W. Arthur	do	1,200.00	do	
<i>Ames, Iowa.</i>				
Copeland, James	Laborer	p. d. 2.00	do	
Curtiss, Charles F.	Member of board	p. a. 2.00	July 1, 1905	May 15, 1906
Do	do	p. d. 10.00	May 16, 1906	June 30, 1906
Gray, C. E.	Expert in dairying	2,000.00	do	
Hambleton, G. H.	Laborer	p. d. 2.00	do	
McBryde, C. N.	Scientific aid	1,600.00	Aug. 29, 1905	Do.
Niles, W. B.	Inspector	1,600.00	do	
<i>Arkansas City, Kans.</i>				
Miller, Chester	Inspector	1,500.00	June 4, 1906	June 15, 1906 ^b
Tuck, Richard W.	do	1,500.00	June 25, 1906	June 30, 1906
Winant, Frank I.	do	1,400.00	June 11, 1906	Do.
<i>Athenia, N. J.</i>				
Gill, Edgar	Stock examiner	900.00	do	
Kay, John Boyd	Agent	900.00	do	
Pope, George W.	Superintendent quarantine station	1,600.00	do	
Tuthill, H.	Laborer	p. m. 50.00	Apr. 1, 1906	June 30, 1906
Van Winkle, John	do	p. d. 2.50	July 1, 1905	Sept. 15, 1905 ^a
Vella, Michael	Expert goat herder	p. m. 50.00	Sept. 23, 1905	May 15, 1906 ^a
<i>Auburn, Ala.</i>				
Duggar, John F.	Expert	p. m. 50.00	July 1, 1905	Sept. 30, 1905 ^a
Kernachan, John S.	Collaborator	p. a. 100.00	Dec. 1, 1905	June 30, 1906
Ward, Wm. F.	Expert in animal husbandry	720.00	do	
<i>Aurora, Ill.</i>				
Holcombe, A. A.	Inspector	1,600.00	do	
Irwin, James	Stock examiner	1,000.00	July 1, 1905	July 31, 1905 ^b
<i>Austin, Minn.</i>				
Anderson, M. O.	Inspector	1,500.00	do	
McKane, Fred J.	Tagger	720.00	July 1, 1905	Feb. 16, 1906 ^a
Ritman, Wm. H.	do	720.00	Feb. 1, 1906	June 30, 1906

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Baltimore, Md.</i>				
Ball, Isaac L.	Clerk	\$1,200.00		
Bennett, Wm.	Tagger	720.00		
Blondell, J. E.	do	720.00		
Eisenreich, Chas.	do	720.00		
Hedrick, H. A.	Inspector	1,600.00		
Sullivan, Wm. J.	Stock examiner	900.00		
<i>Bethesda, Md.</i>				
Blackiston, Thomas C.	Laborer	600.00	July 1, 1905	Dec. 18, 1905 ^a
Brett, George W.	Assistant	1,200.00		
Caywood, E. V.	Laborer	p. m. 45.00		
Coleman, Geo. F.	do	p. m. 45.00		
Cotton, Wm. E.	Expert Assistant	1,600.00		
Darr, Henry	Laborer	p. m. 35.00		
Drummond, Wm.	do	p. m. 30.00		
Gingell, Chas. E.	do	p. m. 40.00	July 1, 1905	Dec. 15, 1905
Do.	do	p. m. 50.00	Dec. 16, 1905	June 30, 1906
Gingell, Wm. E.	do	p. m. 30.00	Dec. 20, 1905	Do.
Henderson, H.	do	540.00		
Holmes, Allen	do	p. m. 35.00		
Lancaster, Frank	do	p. m. 35.00		
Leftwich, Jacob	do	p. m. 35.00		
Lynch, W. W.	do	p. m. 40.00	July 1, 1905	June 23, 1906 ^a
Matthews, Frank	do	p. m. 45.00		
Moxley, J. A.	do	p. m. 60.00		
Phillips, Flagler II	do	p. m. 60.00	July 1, 1905	July 31, 1905 ^a
Poore, Wm. R.	do	p. m. 60.00		
Pugh, Wm. T.	do	p. m. 50.00	July 1, 1905	Dec. 15, 1905
Do.	do	p. m. 60.00	Dec. 16, 1905	June 30, 1906
Pyles, Wm. H.	do	p. m. 40.00	July 1, 1905	May 31, 1906 ^a
Richards, John	do	500.00		
Samuel, James	do	p. m. 40.00		
Schroeder, E. C.	Superintendent experiment station	2,000.00	July 1, 1905	Dec. 31, 1905
Do.	do	2,250.00	Jan. 1, 1906	June 30, 1906
Seek, Richard E.	Laborer	p. m. 60.00		
Shipley, John W.	do	p. m. 60.00		
Stadtler, George M.	do	p. m. 55.00		
Trice, Taylor	Assistant messenger	720.00		
Voigt, August	Laborer	p. m. 50.00		
Voigt, Fritz	do	p. m. 60.00		
Woodland, Robert	do	p. m. 35.00		
<i>Bloomer, Wis.</i>				
Smith, Archie	Laborer	p. d. 1.00	June 25, 1906	June 30, 1906
<i>Bloomington, Ill.</i>				
Braginton, Frederick	Inspector	1,500.00		
<i>Boston, Mass.</i>				
Baldwin, William A.	Stock examiner	900.00		
Balzer, Emil	Microscopist	1,400.00	Apr. 1, 1906	May 11, 1906 ^b
Berry, Winfield E.	Stock examiner	900.00		
Bullard, L. L.	Tagger	720.00		
Burleigh, F. H.	do	720.00		
Burns, Edward J.	do	720.00		
Busteed, Henry W.	Clerk	900.00		
Callahan, John C.	Laborer	p. d. 1.50		
Carnachan, Thomas W.	Inspector	1,500.00		
Cherrington, W. P.	Stock examiner	900.00		
Cogan, Helen M.	Assistant microscopist	600.00		
Coyle, Thomas	Vessel inspector	1,400.00		
Crossman, Edgar A.	Inspector	1,400.00		
Dorsey, Patrick	Laborer	p. d. 1.50	July 1, 1905	Apr. 16, 1906 ^a
Douglas, Orrin	Expert in dairying	p. d. 5.00	Jan. 1, 1906	June 4, 1906 ^a
Driscoll, Elizabeth M.	Assistant microscopist	600.00		
Ellis, Elizabeth M.	do	600.00		
Ellsworth, Carrie L.	do	600.00		
Erickson, Anna	do	600.00		

^a Services ended.

^b Change of station.

^c Rate of pay changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Boston, Mass.—Cont'd.</i>				
Ewing, John L.	Tagger	\$720.00		
Farwell, Abbie M.	Assistant microscopist	c 600.00		
Fegley, Nathan K.	Inspector	1,500.00		
Fitzpatrick, A. C.	do	1,400.00		
Foss, Alice N.	Assistant microscopist	600.00		
Gage, Abbie F.	do	c 600.00		
Gibson, Willard O.	Laborer	p. d. 1.50	July 1, 1905	Apr. 15, 1906a
Hall, Violet A.	Assistant microscopist	600.00		
Hays, Daniel S.	Inspector	1,400.00		
Hersey, Walter H.	Tagger	720.00	July 1, 1905	May 31, 1906
Do.	Stock examiner	900.00	June 1, 1906	June 30, 1906
Hutchinson, C. B.	do	900.00		
Jeffrey, James G.	Tagger	720.00		
Kelley, Sarah G.	Assistant microscopist	c 600.00		
Kenneally, J. S.	Stock examiner	900.00		
McCraith, Daniel L.	Tagger	720.00		
Mullowney, P. H.	Inspector	1,500.00	July 1, 1905	Dec. 25, 1905b
Do.	do	1,500.00	Apr. 21, 1906	May 18, 1906b
Nowlan, Frank P.	Stock examiner	900.00		
Nutter, Helen G.	Assistant microscopist	600.00		
Parker, Mary E.	do	c 600.00		
Perry, Milton T.	Inspector	1,400.00		
Ryder, James F.	do	2,000.00		
Slater, Margaret V.	Assistant microscopist	600.00		
Small, Cyrus K.	Clerk	1,200.00		
Smart, Mima M.	Assistant microscopist	c 600.00		
Stevens, Frederick L.	Inspector	1,500.00		
Sturges, Frank P.	do	1,400.00		
Thompson, Harry Q.	do	1,500.00		
Ward, Carlotta L.	Assistant microscopist	c 600.00		
Watkeys, Alice M.	do	600.00		
Wescott, Effie I.	Microscopist	840.00	July 1, 1905	Apr. 12, 1906a
Whitaker, George M.	Dairy inspector	1,600.00		
White, Timothy P.	Tagger	720.00		
Williams, Etta L.	Assistant microscopist	600.00		
Wisdom, Martha L.	do	600.00		
Woodbury, Cora L.	do	c 600.00		
Young, Florence I.	do	600.00		
<i>Brightwood, Mass.</i>				
Chapin, Albert C.	Stock examiner	900.00		
Murphy, Wilbur J.	Inspector	1,500.00	July 1, 1905	Mar. 31, 1906b
Pearce, Chas. E.	Tagger	720.00		
<i>Buffalo, N. Y.</i>				
Bird, William N. D.	Inspector	1,500.00		
Bullard, Charles	Microscopist	1,200.00	July 1, 1905	Aug. 31, 1905a
Chojnicki, Michael	Tagger	720.00		
Colgan, Kate	Assistant microscopist	600.00		
Dishong, George M.	Tagger	840.00		
Durfee, Clarence O.	Inspector	1,400.00		
Farrell, Lillian E.	Assistant microscopist	600.00		
Gjertson, Albert G.	Tagger	720.00		
Hanrahan, Mary A.	Assistant microscopist	600.00		
Hinkson, Ransom	Tagger	840.00		
Howes, Benjamin	Inspector	1,500.00		
Hoyt, Albert H.	Clerk	1,000.00		
Hughes, James F.	Laborer	720.00		
Hume, Harry F.	do	720.00		
Justinger, Michael	Tagger	720.00		
Lannon, Mary F.	Assistant microscopist	600.00		
Lidle, Lizzie	do	600.00		
McGill, James L.	Stock examiner	900.00		
Masten, Pearl	Assistant microscopist	600.00		
Moran, Anna L.	do	600.00		
Newton, Harrison L.	Stock examiner	900.00		
O'Leary, John P.	Inspector	1,500.00		
Pagle, Charles W.	Stock examiner	900.00		
Rieman, Henry L.	do	900.00		
Rieman, Joseph J.	Tagger	720.00		
Robinson, Louis A.	Inspector	1,500.00	July 1, 1905	Dec. 15, 1905b
Russell, George H.	Clerk	900.00		

^a Services ended.

^b Change of station.

^c Rate of pay changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Buffalo, N. Y.—Cont'd.</i>				
Ryder, Herman R.	Inspector	\$1,500.00		
Volgenau, E. L.	do	1,500.00		
Wager, George E.	Tagger	720.00		
Wende, Bernard P.	Inspector	1,600.00		
Wooton, Wm. C.	do	1,400.00		
<i>Burlington, Vt.</i>				
Peck, Cassius	Member of board	p. a. 2.00	May 15, 1906	June 30, 1906
<i>Calais, Me.</i>				
Potter, Hervey T.	Assistant inspector	p. d. 3.00		
Do.	do	p. d. 5.00	Aug. 1, 1905	June 30, 1906 ^d
<i>Carthage, N. Y.</i>				
Corlis, Wilson S.	Inspector	p. d. 5.00	Nov. 1, 1905	June 30, 1906
<i>Cedar Rapids, Iowa.</i>				
Allen, Frank T.	Assistant inspector	1,200.00	Aug. 16, 1905	Nov. 15, 1905 ^a
Bailey, Edith A.	Assistant microscopist	600.00		
Boazman, James B.	Assistant inspector	1,200.00		
Bryant, Ursula P.	Assistant microscopist	600.00		
Churchill, Willis E.	Tagger	720.00		
Dean, Arlton K.	Assistant inspector	1,200.00	Jan. 1, 1906	Mar. 31, 1906 ^a
Faunce, Archibald	do	1,200.00	Nov. 16, 1905	Dec. 31, 1905 ^b
Knox, Isabel D.	Assistant microscopist	600.00		
Leonard, Harry B.	Assistant inspector	1,200.00	Apr. 1, 1906	June 30, 1906
Madson, Wm. E.	do	1,200.00		
Owen, Frank D.	do	1,200.00		
Shipley, Trajan A.	Inspector	1,500.00		
Spaford, Goldie B.	Assistant microscopist	600.00		
Stouder, Kirk W.	Assistant inspector	1,200.00	July 1, 1905	Aug. 12, 1905 ^a
<i>Chicago, Ill.</i>				
Abbott, Mary	Janitress	p. d. .75	Sept. 16, 1905	Nov. 3, 1905 ^a
Adams, Norman R.	Field stock examiner	900.00	Sept. 25, 1905	June 30, 1906
Allen, Frank T.	Assistant inspector	1,200.00	May 1, 1906	Do.
Allen, Jeremiah S.	Tagger	720.00	Mar. 5, 1906	Do
Armstrong, Maud S.	Assistant microscopist	600.00		
Atherton, Ira K.	Inspector	1,500.00		
Atherton, O. G.	do	1,500.00		
Bablick, May E.	Assistant microscopist	600.00		
Baldwin, Boyd	Inspector	1,500.00		
Balmer, Wm. M.	Assistant inspector	1,200.00		
Bannister, Ida	Assistant microscopist	600.00		
Barry, Mary K.	do	600.00		
Ba.thold, Edwin W.	Stock examiner	900.00	July 1, 1905	Mar. 15, 1906
Do.	Assistant inspector	1,200.00	Mar. 16, 1906	June 30, 1906
Baumann, Ernest A.	do	1,200.00		
Benneson, Addie E.	Assistant microscopist	600.00		
Bennett, Edwin B., jr.	Assistant inspector	1,200.00	July 1, 1905	July 24, 1905 ^b
Bennett, Samuel E.	Inspector	2,500.00	Nov. 16, 1905	June 30, 1906
Best, George	Stock examiner	900.00	July 1, 1905	Apr. 31, 1906 ^b
Bixby, Malvina A.	Assistant microscopist	600.00		
Bonds, Estella C.	do	600.00		
Bone, Clark C.	Stock examiner	900.00		
Boyd, Veturia E.	Assistant microscopist	600.00		
Brady, Kate H.	do	600.00		
Brady, Patrick J.	Assistant inspector	1,200.00		
Brandt, Martha E.	Assistant microscopist	600.00		
Brittan, Martha A.	do	600.00		
Broadhurst, Robt. A.	Stock examiner	900.00	July 1, 1905	Apr. 15, 1906 ^b
Brown, Henry D.	Inspector	1,500.00		
Brown, John W.	Tagger	720.00	Mar. 8, 1906	June 30, 1906
Bruette, Wm. A.	Inspector	1,500.00		
Burdick, H. D.	Stock examiner	900.00		
Burgess, John L.	do	900.00	July 1, 1905	May 31, 1906
Do.	Patrol stock examiner	1,000.00	June 1, 1906	June 30, 1906
Burke, Laura D.	Assistant microscopist	600.00		

^a Services ended.

^b Change of station.

^c Rate of pay changed during year to \$2.10 per day.

^d \$3 per diem at official station, \$5 per diem when away from official station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Chicago, Ill.—Continued.</i>				
Burneson, James C.	Assistant inspector	\$1,200.00	July 1, 1905	May 31, 1906
Do.	Inspector	1,400.00	June 1, 1906	June 30, 1906
Burt, Solomon W.	do	1,800.00	900.00	—
Burton, John W.	Stock examiner	900.00	—	—
Busman, Herman	Inspector	1,500.00	July 1, 1905	Apr. 18, 1906 ^b
Caldwell, S. Hutson	do	1,400.00	do	Mar. 31, 1906 ^a
Campbell, Pearl W.	Tagger	720.00	—	—
Casey, Katie A.	Assistant microscopist	c 600.00	—	—
Casper, Adolph M.	Inspector	1,500.00	—	—
Christie, Inez J.	Assistant microscopist	c 600.00	—	—
Clark, Mary B.	do	c 600.00	—	—
Clark, Thomas G.	Stock examiner	900.00	—	—
Clark, Wm. D.	Tagger	720.00	—	—
Clarke, Anna F.	Assistant microscopist	c 600.00	—	—
Cleveland, Wm.	Tagger	720.00	—	—
Cloud, Joel E.	Inspector	1,400.00	July 1, 1905	Mar. 31, 1906 ^a
Do.	do	1,400.00	do	July 24, 1905 ^b
Connell, Marie J.	Assistant microscopist	c 600.00	Sept. 1, 1905	Apr. 30, 1906 ^b
Connolly, Mary	do	c 600.00	—	—
Conway, Nora	do	c 600.00	—	—
Cooley, Katie	do	c 600.00	Aug. 1, 1905	June 30, 1906
Cowan, Tresey	do	c 600.00	—	—
Crowell, Lillie M.	do	c 600.00	—	—
Culbert, Robt. W.	Tagger	720.00	July 1, 1905	June 9, 1906 ^a
Dalzell, Howard H.	do	720.00	do	Oct. 23, 1905 ^b
Damon, Nellie E.	Assistant microscopist	c 600.00	—	—
Danaher, Wm. E.	Tagger	720.00	—	—
Davenport, Miles L.	Assistant inspector	1,200.00	Mar. 26, 1906	June 30, 1906
Davis, Estelle G.	Assistant microscopist	c 600.00	—	—
Day, L. Enos	Inspector	1,500.00	—	—
Dean, Arlton K.	Assistant inspector	1,200.00	July 1, 1905	Nov. 30, 1905 ^b
Dewey, Edith W.	Laborer	p. m. 30.00	—	—
Dietz, Delia	Assistant microscopist	c 600.00	—	—
Diller, Bertha L.	do	c 600.00	—	—
Dillingham, Willis I.	Inspector	1,400.00	July 1, 1905	May 15, 1906
Do.	do	1,500.00	May 16, 1906	June 30, 1906
Donellan, Katherine A.	Assistant microscopist	c 600.00	—	—
Dortch, Nina B.	do	c 600.00	—	—
Dufficy, James J.	Stock examiner	900.00	—	—
Dyson, O. E.	Inspector	2,500.00	July 1, 1905	Sept. 30, 1905 ^a
Eagle, Richard F.	do	1,400.00	Nov. 16, 1905	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
Eaid, Cora A.	Assistant microscopist	c 600.00	—	—
Earle, Ella B.	do	c 600.00	—	—
Ehlers, Carrie	do	600.00	—	—
Elliott, Ella F.	Charwoman	p. d. .75	Nov. 4, 1905	June 30, 1906
Elliott, John A.	Tagger	720.00	July 1, 1905	May 31, 1906
Do.	Patrol tagger	900.00	June 1, 1906	June 30, 1906
Enright, Margaret	Assistant microscopist	c 600.00	—	—
Evanson, Matilda	do	c 600.00	—	—
Farley, David S.	Stock examiner	900.00	June 1, 1906	Apr. 30, 1906 ^b
Faunce, Archibald L.	do	900.00	Jan. 1, 1906	Feb. 15, 1906
Do.	Assistant inspector	1,200.00	Feb. 16, 1906	June 30, 1906
Faust, Louise	Assistant microscopist	p. d. 2.10	Apr. 25, 1906	Do.
Fess, Frank J.	Stock examiner	900.00	July 1, 1905	July 31, 1905
Do.	Assistant inspector	1,200.00	Aug. 1, 1905	June 30, 1906
Fitzgerald, John N.	Clerk	1,000.00	July 1, 1905	Mar. 31, 1906 ^a
Flanagan, J. A.	Tagger	720.00	do	May 31, 1906
Fleming, James	Inspector	1,500.00	June 1, 1906	June 30, 1906
Do.	do	1,600.00	—	—
Foley, James	Tagger	720.00	—	—
Folts, John H.	do	720.00	July 1, 1905	Jan. 15, 1906 ^a
Ford, Albert W.	do	720.00	—	—
Fox, William	do	720.00	—	—
Frantz, Wm. A.	Stock examiner	900.00	Dec. 16, 1905	June 30, 1906
Frick, Walter C.	Tagger	720.00	July 1, 1905	May 31, 1906
Do.	Stock examiner	900.00	June 1, 1906	June 30, 1906
Frisch, David	do	900.00	—	—
Fugit, Thomas R.	do	900.00	July 1, 1905	Apr. 6, 1906 ^a
Gardner, James	do	900.00	—	—
Garrity, John J.	do	900.00	—	—
Gilchrist, Wm. D.	Assistant inspector	1,200.00	Sept. 10, 1905	June 30, 1906
Giltner, Leigh T.	do	1,200.00	June 27, 1906	Do.
Goggin, Mary F.	Assistant microscopist	c 600.00	—	—

^a Services ended.^b Change of station.^c Rate of pay changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Chicago, Ill.—Continued.</i>				
Gorman, Mary	Assistant microscopist	\$600.00		
Grable, Hiram	Laborer	2.00		
Graham, Edwin R.	Stock examiner	900.00		
Granger, Dighton	do	900.00		
Griffin, Patrick H.	Tagger	720.00	July 1, 1905	May 31, 1906 ^b
Do	Patrol tagger	900.00	do	Do.
Grosse, Charlotte R.	Assistant microscopist	600.00	June 1, 1906	June 30, 1906
Halbisch, Harry	Tagger	720.00		
Hansen, Thomas	Stock examiner	900.00		
Hanton, George T.	do	900.00		
Harper, Edwin A.	Tagger	720.00		
Harpst, William	Stock examiner	900.00		
Hart, Carroll P.	Assistant inspector	1,200.00	June 27, 1906	June 30, 1906
Hatch, Jennie E.	Assistant microscopist	600.00		
Hattery, Morton	Tagger	720.00		
Hawley, Hiram W.	Inspector	1,500.00		
Haynes, Maud S.	Assistant microscopist	600.00		
Healy, Bessie M.	do	600.00		
Healy, Frank A.	Stock examiner	900.00		
Heil, Tillie	Assistant microscopist	600.00		
Hela, Hannes	Assistant inspector	1,200.00	July 1, 1905	May 15, 1906
Do	Inspector	1,400.00	May 16, 1906	June 30, 1906
Henderson, Edwin P.	Assistant inspector	1,200.00		
Henry, Paul C.	Tagger	720.00		
Herriman, James	Stock examiner	900.00		
Herron, Franklin P.	do	900.00		
Hickey, Wm. P.	do	900.00		
Hickman, Jessie	Assistant microscopist	600.00		
Do	Clerk	720.00	July 1, 1905	Dec. 31, 1905
Hicks, Hazen H.	Inspector	1,400.00	Jan. 1, 1906	June 30, 1906
Holland, Jeremiah	Stock examiner	900.00	Dec. 1, 1905	Mar. 15, 1906 ^b
Holland, Nellie	Assistant microscopist	600.00		
Holmes, Clara E.	do	600.00		
Honan, Wm. C.	Stock examiner	900.00		
Hope, James G.	Inspector	1,500.00		
Hosken, Selena	Laborer	30.00		
Hostetler, Altine	Clerk	1,200.00		
Hotchkiss, May E.	Assistant microscopist	600.00		
Howard, DeLannes	Stock examiner	900.00		
Hunt, Myrtle A.	Assistant microscopist	600.00		
Hunter, Abbie W.	do	600.00		
Hunter, Effie M.	do	600.00		
Hunter, Theodore A.	Tagger	720.00	Jan. 16, 1906	Apr. 9, 1906 ^a
Hurley, Mary	Assistant microscopist	600.00		
Hurt, Leslie M.	do	600.00	June 11, 1906	June 30, 1906
Ingram, Sarah A.	do	600.00		
Irving, Artemus	Stock examiner	900.00	July 1, 1905	May 31, 1906
Do	Patrol stock examiner	1,000.00	June 1, 1906	June 30, 1906
Jacobus, Herman	Tagger	720.00	July 1, 1905	May 31, 1906
Do	Patrol tagger	900.00	June 1, 1906	June 30, 1906
Jaqua, George E.	Stock examiner	900.00		
Jenison, Joseph S.	Tagger	720.00	July 1, 1905	June 20, 1906
Do	Patrol tagger	900.00	June 21, 1906	June 30, 1906
Johnson, Howard C.	Stock examiner	900.00		
Johnson, Louise	Assistant microscopist	600.00		
Johnston, James	Inspector	1,800.00	June 15, 1906	June 30, 1906
Jones, Thomas H.	Assistant inspector	1,200.00	June 16, 1906	June 24, 1906 ^b
Jordan, Joseph F.	Stock examiner	900.00	July 1, 1905	May 31, 1906
Do	Patrol stock examiner	1,000.00	June 1, 1906	June 30, 1906
Joslin, Mae B.	Assistant microscopist	600.00		
Kanstoroom, David	Inspector	1,400.00		
Kean, Mary E.	Assistant microscopist	600.00		
Keleher, Wm. J.	Tagger	720.00	July 1, 1905	Nov. 15, 1905 ^b
Kelly, John F.	Stock examiner	900.00		
Kickbusch, Frank O.	Assistant inspector	1,200.00	July 10, 1905	Sept. 9, 1905 ^a
Kidder, Julius	Stock examiner	900.00	July 1, 1905	May 31, 1906
Do	Patrol stock examiner	1,000.00	June 1, 1906	June 30, 1906
King, Harriet F.	Assistant microscopist	600.00		
Klingell, Annie	do	600.00		
Kochanowski, R.	Stock examiner	900.00		
Lang, Merrill W.	Dairy inspector	2,000.00		
Lanigan, Oscar J.	Inspector	1,600.00		
Lavery, Wm. F.	do	1,600.00	June 1, 1906	June 30, 1906
Lawson, Alice	Assistant microscopist	600.00		

^a Services ended.^b Change of station.^c Rate of pay changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Chicago, Ill.—Continued.</i>				
Lawrence, Anastasia	Assistant microscopist	€ \$600.00		
Leahy, Mary E.	do	€ 600.00		
Leary, John W.	Tagger	720.00		
Leisman, Jacob	do	720.00		
Lindberg, O. Enoch	do	720.00	July 1, 1905	Oct. 23, 1905 ^a
Logan, Albert H.	Assistant inspector	1,200.00		
Loman, Fred	Tagger	720.00	July 1, 1905	May 31, 1906
Do.	Patrol tagger	900.00	June 1, 1906	June 30, 1906
Long, Edward G.	Tagger	720.00	July 1, 1905	July 31, 1905 ^a
Lorenzen, John C.	do	720.00		
Luce, E. B.	Clerk	1,000.00		
Luce, Kate R.	Assistant microscopist	€ 600.00	July 1, 1905	May 31, 1906
Luks, Alfred Emil	Assistant inspector	1,200.00		
Do.	Inspector	1,400.00	June 1, 1906	June 30, 1906
Lyman, Richard E.	Stock examiner	900.00		
Lynch, Daniel	Tagger	720.00		
Lytle, George A.	Inspector	1,500.00	July 1, 1905	Mar. 4, 1906 ^a
McAdam, Robert	Dairy inspector	1,500.00	do	Nov. 14, 1905 ^b
McCarthy, Evelyn C.	Assistant microscopist	600.00		
McClure, John H.	Stock examiner	900.00	July 1, 1905	Dec. 15, 1905 ^b
McCray, Willis E.	Assistant inspector	1,200.00	June 16, 1906	June 30, 1906
McDonald, James	Stock examiner	900.00		
McDonnell, Rosanna	Assistant microscopist	€ 600.00		
McFarland, Arthur J.	Stock examiner	900.00	July 1, 1905	Jan. 15, 1906 ^a
McGlassen, L. G.	Assistant microscopist	€ 600.00		
McKay, William	Tagger	720.00		
McKinstry, Charles	do	720.00		
McShane, Mary	Assistant microscopist	€ 600.00		
Mace, Amy T.	do	€ 600.00		
Madsen, Jens	Inspector	1,400.00		
Manny, Abram M.	Stock examiner	900.00	July 1, 1905	May 31, 1906 ^b
Massie, John C.	do	900.00	Nov. 16, 1905	Feb. 15, 1906 ^a
Mayhew, Ellen S.	Assistant microscopist	€ 600.00	July 1, 1905	Mar. 31, 1906 ^a
Metzger, Michael	Tagger	720.00		
Miller, Flora F.	Assistant microscopist	€ 600.00		
Mills, Nathan K.	Tagger	720.00	June 21, 1906	June 30, 1906
Mills, W. D.	Laborer	p. d. 2.50		
Molloy, John J.	Stock examiner	900.00		
Montague, John W.	Inspector	1,400.00		
Muldoune, Wm. J.	Assistant inspector	1,200.00	July 1, 1905	Aug. 25, 1905 ^a
Murphy, James A.	Stock examiner	900.00		
Murphy, John	do	900.00		
Murray, Mamie F.	Assistant microscopist	€ 600.00		
Murray, M. M.	Tagger	720.00	July 1, 1905	Aug. 9, 1905 ^b
Naughton, Michael T.	Inspector	1,500.00	do	Jan. 18, 1906 ^a
Neff, George W.	Tagger	720.00	do	Oct. 16, 1905 ^a
Neill, Elizabeth L.	Assistant microscopist	€ 600.00		
Nicolai, Annie	do	€ 600.00		
Norris, Clarence L.	Tagger	720.00	July 1, 1905	Aug. 9, 1905 ^b
O'Brien, Terrence	Stock examiner	900.00		
Ogden, Bessie D.	Assistant microscopist	€ 600.00		
Ogden, Jessie G.	do	€ 600.00		
Olson, Louise C.	do	€ 600.00		
O'Malley, J. J.	Clerk	1,000.00		
Orme, Franke W.	Tagger	720.00		
Otis, George M.	Assistant inspector	1,200.00		
Paddock, Benjamin S.	Live stock agent	1,200.00	July 1, 1905	July 31, 1905 ^a
Patton, Don W.	Inspector	1,500.00		
Paul, Arthur	Assistant inspector	1,200.00		
Paxson, Harry D.	Inspector	1,500.00		
Payne, Alpheus D.	Tagger	720.00	July 1, 1905	May 31, 1906
Do.	Patrol tagger	900.00	June 1, 1906	June 30, 1906
Perkins, Chester R.	Assistant inspector	1,200.00		
Peterson, Samuel P.	Tagger	720.00	Jan. 2, 1906	Mar. 31, 1906 ^a
Pew, Charles S.	Clerk	1,000.00		
Philpot, Charles W.	do	1,000.00		
Pidcock, Walter S.	Stock examiner	900.00	July 1, 1905	Aug. 9, 1905 ^b
Do.	Field stock examiner	1,000.00	Sept. 25, 1905	Sept. 30, 1905
Do.	Stock examiner	900.00	Oct. 1, 1905	June 30, 1906
Pistor, Adolph J.	Inspector	1,500.00	June 23, 1906	Do.
Porterfield, John C.	Tagger	720.00	July 1, 1905	Oct. 27, 1905 ^a
Potts, John	do	720.00		
Proudfoot, Wm.	Stock examiner	900.00	Oct. 16, 1905	Mar. 31, 1906
Do.	Field stock examiner	1,000.00	Apr. 1, 1906	Apr. 9, 1906 ^b

^a Services ended.^b Change of station.^c Rate of pay changed during year to \$2.10 per day.

Schedule showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Chicago, Ill.—Continued.</i>				
Puette, Grace.....	Assistant microscopist.....	c \$600.00		
Quinn, Anna M.....	.....do.....	c 600.00		
Quirk, Michael J.....	Stock examiner.....	900.00	July 1, 1905	Apr. 30, 1906 ^b
Raffensperger, Hayes B.....	Tagger.....	720.00		
Raque, Charles A.....	Assistant inspector.....	1,200.00	July 1, 1905	May 31, 1906
Do.....	Inspector.....	1,400.00	June 1, 1906	June 30, 1906
Rice, Belle.....	Assistant microscopist.....	c 600.00		
Rieder, Agnes B.....	.....do.....	c 600.00		
Rietz, John H.....	Assistant inspector.....	1,200.00	Feb. 25, 1906	May 23, 1906 ^b
Riley, Frank C.....	Tagger.....	720.00	June 25, 1906	June 30, 1906
Riley, Sarah A.....	Assistant microscopist.....	c 600.00		
Roberts, Edwin S.....	Tagger.....	720.00		
Robinson, Lila.....	Assistant microscopist.....	c 600.00		
Rockwell, Josephine.....	.....do.....	c 600.00		
Rockwell, Mabel.....	.....do.....	c 600.00		
Rogers, Burton R.....	Inspector.....	1,400.00	Sept. 1, 1905	June 30, 1906
Ropiequet, Laura S.....	Assistant microscopist.....	c 600.00		
Roy, Blanche.....	.....do.....	c 600.00		
Rucker, John T.....	Tagger.....	720.00	June 18, 1906	June 30, 1906
Rutledge, Blanche.....	Assistant microscopist.....	c 600.00		
Ryan, John J.....	Stock examiner.....	900.00		
Ryan, Nellie A.....	Assistant microscopist.....	c 600.00		
Sarsfield, John W.....	Stock examiner.....	900.00		
Sauer, Theodore.....	Tagger.....	720.00		
Scanlon, Hannah.....	Assistant microscopist.....	c 600.00		
Schltytter, Henry R.....	Tagger.....	720.00		
Schmidt, Casper J.....	Stock examiner.....	900.00		
Schnell, Martha.....	Assistant microscopist.....	600.00		
Schofield, Major.....	Assistant inspector.....	1,200.00	May 7, 1906	June 30, 1906
Schroeder, Frank.....	Stock examiner.....	900.00		
Schwahn, Ella.....	Assistant microscopist.....	600.00	July 1, 1905	Nov. 30, 1905
Do.....	Clerk.....	600.00	Dec. 1, 1905	Apr. 17, 1906 ^a
Scott, Alvin R.....	Stock examiner.....	900.00		
Searles, Mae.....	Assistant microscopist.....	c 600.00		
Sevenster, John.....	Assistant inspector.....	1,200.00	May 24, 1906	June 30, 1906
Shaw, Mae H.....	Assistant microscopist.....	c 600.00		
Sheehan, Mary.....	.....do.....	c 600.00		
Sheehan, Nellie.....	.....do.....	c 600.00		
Shortridge, Ireneus.....	Tagger.....	720.00		
Shufeldt, Jennie M.....	Assistant microscopist.....	c 600.00		
Siegler, Pearl C.....	.....do.....	600.00		
Siegmund, Wm. C.....	Inspector.....	1,500.00		
Siggins, Ernest L.....	.....do.....	1,500.00	July 1, 1905	Aug. 21, 1905 ^b
Simpson, James R.....	Stock examiner.....	900.00		
Sine, John B.....	Special stock examiner.....	1,200.00		
Skinner, Jacob K.....	Clerk.....	900.00	July 1, 1905	Aug. 6, 1905 ^a
Smart, Jasper J.....	Assistant inspector.....	1,200.00		
Smith, Harry A.....	Tagger.....	720.00		
Smith, Samuel T.....	Stock examiner.....	900.00	July 1, 1905	May 31, 1906 ^b
Smith, Thomas M.....	Tagger.....	720.00		
Smith, William H.....	Inspector.....	1,600.00		
Somers, Mary.....	Assistant microscopist.....	600.00		
Somerville, Samuel, jr.....	Assistant inspector.....	1,200.00	May 6, 1906	June 30, 1906
Sommers, John P.....	Stock examiner.....	900.00		
Stephens, Russell A.....	Assistant inspector.....	1,200.00	May 1, 1906	Do.
Stephens, Sylvester H.....	.....do.....	1,200.00	May 7, 1906	Do.
Stewart, Daisy.....	Assistant microscopist.....	c 600.00		
Stewart, W. J.....	Inspector.....	1,500.00		
Stone, George W.....	Tagger.....	720.00	June 25, 1906	June 30, 1906
Sutherland, W. O.....	Assistant microscopist.....	c 600.00		
Swain, Arthur A.....	Tagger.....	720.00	June 14, 1906	June 30, 1906
Taylor, Maggie.....	Assistant microscopist.....	c 600.00	July 1, 1905	May 5, 1906 ^a
Temple, H. Inez.....	.....do.....	c 600.00		
Thompson, Henry S.....	Tagger.....	720.00	June 16, 1906	June 30, 1906
Tierney, Daniel D.....	.....do.....	720.00		
Tourtellotte, S. H.....	Clerk.....	1,000.00		
Townsend, Norris L.....	Inspector.....	1,500.00	Apr. 16, 1906	Do.
Traum, Jacob.....	Assistant inspector.....	1,200.00	Aug. 22, 1905	Apr. 30, 1906 ^b
Trenbeth, Wm. B.....	Inspector.....	1,400.00	July 1, 1905	Feb. 5, 1906 ^a
Troughton, Jos. E.....	Tagger.....	720.00		
Tufts, Frank S.....	Inspector.....	1,500.00	July 1, 1905	Sept. 30, 1905 ^a
Tully, Josephine C.....	Assistant microscopist.....	c 600.00		
Tully, Katherine.....	.....do.....	c 600.00		
Turner, Albert J.....	Tagger.....	720.00		

^a Services ended.

^b Change of station.

^c Rate of pay changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Chicago, Ill.—Continued.</i>				
Wade, Thomas J.	Stock examiner	\$900.00		
Walkley, Seymour J.	Tagger	720.00	July 1, 1905	May 31, 1906
Do	Patrol tagger	900.00	June 1, 1906	June 30, 1906
Walls, Alexander C.	Inspector	1,400.00		
Walsh, Richard	Tagger	720.00	July 1, 1905	May 31, 1906
Do	Patrol tagger	900.00	June 1, 1906	June 30, 1906
Walsh, Walter	Tagger	720.00		
Walters, Mildred E.	Assistant microscopist	600.00	July 1, 1905	Nov. 5, 1905
Do	Clerk	720.00	Nov. 6, 1905	June 6, 1906b
Wampler, James W.	Stock examiner	900.00	Dec. 16, 1905	June 30, 1906
Washburne, Fred R.	Tagger	840.00	Apr. 5, 1906	June 2, 1906a
Waterman, Frederick W.	Stock examiner	900.00		
Watson, Arda	Live stock agent	900.00	July 1, 1905	Mar. 15, 1906b
Watson, James	Tagger	720.00	May 10, 1906	June 3, 1906a
Weller, Hiram B.	Stock examiner	900.00		
Wellner, Herman	Assistant inspector	1,200.00		
Wells, Carrie	Assistant microscopist	600.00		
Werth, Clara	do	600.00		
White, John D.	Tagger	720.00	June 25, 1906	June 30, 1906
White, Thomas	Stock examiner	900.00		
Williams, Harvey D.	do	900.00	July 1, 1905	Apr. 22, 1906b
Williams, Marion	Assistant microscopist	600.00		
Williams, Mary E.	do	600.00		
Wood, George W.	Stock examiner	900.00	July 1, 1905	May 31, 1906b
Wooden, Morris	Inspector	1,800.00	do	Nov. 15, 1905
Do	do	2,000.00	Nov. 16, 1905	Jan. 31, 1906b
Woodward, Benjamin T.	Assistant inspector	1,200.00	June 27, 1906	June 30, 1906
Wolf, Max	Clerk	1,000.00		
Worcester, W. W.	Inspector	1,500.00	Mar. 16, 1906	Do.
Yenner, Benjamin H.	Assistant inspector	1,200.00	June 18, 1906	Do.
Young, John M.	do	1,200.00	July 1, 1905	July 24, 1905b
Zuendel, Theodore B.	Stock examiner	900.00		
<i>Cincinnati, Ohio.</i>				
Brown, John W.	Tagger	720.00	July 12, 1905	Mar. 7, 1906b
Burson, Wm. H.	Clerk	840.00		
Ditewig, George	Inspector	1,600.00	July 1, 1905	Nov. 14, 1905b
Drake, Francis B.	Assistant inspector	1,200.00		
Fisher, Wm. H.	Tagger	720.00		
Good, Joseph M.	Inspector	1,400.00	July 1, 1905	Jan. 31, 1906a
Hirleman, A. L.	Assistant inspector	1,200.00		
Hoberg, John	Stock examiner	900.00	July 1, 1905	Apr. 22, 1906b
Hyde, Andrew	Inspector	1,400.00		
Oldham, James S.	Tagger	720.00	July 1, 1905	July 31, 1905
Do	Stock examiner	900.00	Aug. 1, 1905	Apr. 30, 1906b
Ragland, Marcus J.	Assistant inspector	1,200.00	Jan. 1, 1906	June 30, 1906
Richardson, A. G. G.	Inspector	1,800.00	Nov. 15, 1905	Do.
Shale, Harvey L.	Stock examiner	900.00		
Timmons, Wm. H.	do	900.00		
Wagoner, C. Otto	Assistant inspector	1,200.00		
Ward, Edward K.	Inspector	1,400.00	July 1, 1905	May 15, 1906
Do	do	1,500.00	May 16, 1906	June 30, 1906
<i>Clemson College, S. C.</i>				
Klein, Louis A.	Expert in Texas fever	p. a 200.00	Oct. 9, 1905	June 30, 1906
<i>Cleveland, Ohio.</i>				
Atherton, Wm. T.	Assistant inspector	1,200.00	May 10, 1906	June 30, 1906
Corcoran, Mamie L.	Assistant microscopist	600.00		
Croft, Victor F.	Tagger	720.00	May 10, 1906	Do.
Crowley, John J.	Stock examiner	900.00	July 1, 1905	Sept. 16, 1905a
Daugherty, Alice M.	Assistant microscopist	600.00		
Fahrenbach, Frank A.	Stock examiner	900.00	Dec. 16, 1905	June 30, 1906
Fila, Frank	do	900.00		
Forsch, Minnie	Assistant microscopist	600.00		
Huey, Carlton	Tagger	720.00	Jan. 1, 1906	Do.
Lace, Isabella	Laborer	30.00		
McClure, John H.	Stock examiner	900.00	Dec. 16, 1905	Do.
Marshall, Henry	Assistant inspector	1,200.00	May 10, 1906	June 11, 1906a
Do	do	1,200.00	June 22, 1906	June 30, 1906

a Services ended.

b Change of station.

c Rate of pay changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Cleveland, Ohio.—Cont'd.</i>				
Meyers, George W.	Tagger	\$720.00		
Pilchard, Mark R.	do	720.00		
Reinhart, Mary	Assistant microscopist	600.00		
Repp, George E.	Assistant inspector	1,200.00	Dec. 16, 1905	Do.
Richards, Alice H.	Clerk	720.00	July 1, 1905	Dec. 15, 1905 ^b
Sawtell, Joseph E.	Stock examiner	900.00		
Schaffter, Edward P.	Inspector	1,600.00		
Shannon, John D.	Stock examiner	900.00		
Sparhawk, William T.	Inspector	1,400.00	July 1, 1905	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
Stuart, James T.	Assistant inspector	1,200.00		
Stumpf, Louis N.	Stock examiner	900.00		
Wetzl, Raymond W.	Tagger	720.00		
<i>Columbia, Mo.</i>				
Shaw, Roseoe H.	Expert in dairying	1,800.00		
<i>Cudahy, Wis.</i>				
Kickbusch, Frank O.	Assistant inspector	1,200.00	July 1, 1905	July 9, 1905 ^b
Wells, James L.	do	1,200.00	do	Apr. 30, 1906 ^a
<i>Davenport, Iowa.</i>				
Bertram, Eli L.	Inspector	1,500.00		
Burke, George C.	Stock examiner	900.00	July 1, 1905	Dec. 31, 1905 ^b
Trainer, John	do	900.00		
Wheeler, D. N.	do	900.00		
<i>Denver, Colo.</i>				
Adams, Norman R.	Field stock examiner	1,000.00	July 1, 1905	Sept. 24, 1905 ^b
Alcorn, Harvey A.	Assistant inspector	1,200.00	do	Sept. 10, 1905 ^b
Allen, Rollin M.	do	1,200.00	Apr. 18, 1906	June 30, 1906
Alton, D. R.	Stock examiner	900.00		
Armstrong, Harry E.	Field stock examiner	1,000.00		
Batchelder, Howard M.	Inspector	1,500.00		
Best, George	Stock examiner	900.00	May 1, 1906	Do.
Bibb, Adelbert G.	do	900.00	July 1, 1905	Sept. 24, 1905 ^b
Brown, Charles A.	Field stock examiner	1,000.00	Nov. 16, 1905	June 30, 1906
Burrows, Wm. E.	Tagger	840.00	July 1, 1905	Sept. 14, 1905 ^b
Campbell, Chas. E.	Stock examiner	900.00	Apr. 14, 1906	May 31, 1906
Do.	Field stock examiner	1,000.00	June 1, 1906	June 30, 1906
Campbell, Colin S.	Special field stock examiner	1,000.00		
Campbell, Larkin S.	Assistant inspector	1,200.00	July 1, 1905	May 31, 1906
Do.	Inspector	1,400.00	June 1, 1906	June 30, 1906
Chaney, Herbert B.	do	1,500.00		
Clarke, Lowell	do	1,600.00		
Cummins, William M.	Assistant inspector	1,200.00		
Cunningham, N. G.	Tagger	720.00		
Dauncey, Fred C.	do	840.00	July 1, 1905	Aug. 31, 1905
Do.	do	720.00	Sept. 1, 1905	Sept. 14, 1905 ^b
Davison, E. T.	Inspector	1,600.00	do	June 30, 1906
De Laney, John V.	Tagger	720.00	do	Apr. 15, 1906
Do.	do	840.00	Apr. 16, 1906	June 30, 1906
Exline, James C.	do	840.00	July 1, 1905	Aug. 15, 1905
Do.	Assistant inspector	1,200.00	Aug. 16, 1905	June 30, 1906
Fleming, Wm. R.	Inspector	1,500.00		
Foreman, Ernest J.	do	1,500.00	July 1, 1905	Nov. 14, 1905 ^b
Fretz, Warren J.	do	1,400.00	Sept. 1, 1905	Sept. 30, 1905 ^b
Gilbert, Nixon O.	Assistant inspector	1,200.00	Apr. 24, 1906	June 30, 1906
Gilmore, Elias	Tagger	840.00		
Hamilton, Wm.	Assistant inspector	1,200.00	July 1, 1905	Sept. 27, 1905 ^b
Hart, Arthur C.	Inspector	1,400.00	do	July 31, 1905 ^a
Hayes, John J.	do	1,500.00		
Herlinger, Frank H.	Stock examiner	900.00		
Hodges, David R.	Field stock examiner	1,000.00		
Howe, Walter E.	Inspector	1,500.00	July 1, 1905	Apr. 30, 1906
Do.	do	1,600.00	May 1, 1906	June 30, 1906
Hoyman, Harry J.	Assistant inspector	1,200.00	July 1, 1905	May 31, 1906
Do.	Inspector	1,400.00	June 1, 1906	June 30, 1906
Hurst, Wilbur H.	do	1,400.00		

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Denver, Colo.—Continued.</i>				
Ingram, Frank A.	Assistant inspector	\$1,200.00	May 21, 1906	June 30, 1906
Jackson, Robt. E. L.	Field stock examiner	1,000.00	.....	.....
Johnson, Fred E.	Assistant inspector	1,200.00	.....	.....
Johnson, Western L.	Inspector	1,400.00	.....	.....
Johnston, Carl A.	Assistant inspector	1,200.00	July 1, 1905	Nov. 15, 1905 ^b
Lawson, James M.	Stock examiner	900.00	.....	Oct. 31, 1905 ^b
Leeper, Robert B.	Inspector	1,400.00	Mar. 1, 1906	June 30, 1906
Livers, Roy C.	Tagger	720.00	July 1, 1905	Aug. 31, 1905 ^a
Lowry, Thomas J.	Field stock examiner	1,000.00	.....	.....
McDonald, Harry L.	.....	1,000.00	July 1, 1905	Apr. 15, 1906 ^b
McNally, Henry R.	Inspector	1,420.00	Apr. 1, 1906	June 30, 1906
Massie, John C.	Field stock examiner	1,000.00	July 1, 1905	Sept. 10, 1905 ^b
Merrill, Jay	.....	1,000.00	.....	.....
Merrill, Russell G.	Stock examiner	900.00	July 1, 1905	July 31, 1905 ^a
Miller, Arthur W.	Inspector	1,400.00	.....	.....
Mullings, Robert M.	Assistant inspector	1,200.00	July 1, 1905	Aug. 5, 1905 ^a
Nelson, J. I.	Stock examiner	900.00	.....	Sept. 30, 1905 ^b
Newman, Robert R.	Tagger	840.00	.....	Sept. 5, 1905 ^a
Do.	.....	840.00	Mar. 19, 1906	June 30, 1906
Noyes, Orrin W.	Assistant inspector	1,200.00	July 1, 1905	May 31, 1906
Do.	Inspector	1,400.00	.....	.....
O'Connor, John P.	Assistant inspector	1,200.00	July 1, 1905	Apr. 15, 1906
Do.	Inspector	1,400.00	Apr. 16, 1906	June 30, 1906
O'Neil, Ernest R.	Stock examiner	900.00	July 1, 1905	Apr. 15, 1906
Do.	Field stock examiner	1,000.00	Apr. 16, 1906	June 30, 1906
Oshel, Thomas W.	Stock examiner	900.00	July 1, 1905	Feb. 28, 1906 ^b
Overton, Frederick C.	Tagger	720.00	Apr. 23, 1906	June 30, 1906
Parker, Frank.	Assistant inspector	1,200.00	.....	Sept. 30, 1905 ^a
Payne, Albert J.	Inspector	1,600.00	.....	.....
Persells, Herman V.	Stock examiner	900.00	.....	.....
Pflaeging, Wm. F.	Field stock examiner	1,000.00	.....	.....
Pidcock, Walter S.	Stock examiner	900.00	Aug. 10, 1905	Aug. 15, 1905
Do.	Field stock examiner	1,000.00	Aug. 16, 1905	Sept. 24, 1905 ^b
Pistor, Adolph J.	Inspector	1,500.00	July 1, 1905	June 22, 1906 ^b
Proudfoot, Wm.	Field stock examiner	1,000.00	.....	Oct. 15, 1905 ^b
Quirk, Michael J.	Stock examiner	900.00	May 1, 1906	June 30, 1906
Ramsay, Robert A.	Inspector	1,600.00	Dec. 20, 1905	Dec. 31, 1905
Do.	.....	2,000.00	Jan. 1, 1906	June 30, 1906
Rich, Theodore L.	.....	1,400.00	.....	.....
Robinson, Charles H.	Stock examiner	900.00	July 1, 1905	Apr. 15, 1906 ^b
Schumacher, Wilhelm.	Assistant inspector	1,200.00	.....	Do.
Do.	Inspector	1,400.00	Apr. 16, 1906	June 30, 1906
Siggins, Ernest L.	Stock examiner	900.00	.....	Sept. 27, 1905 ^b
Simpson, F. L.	Inspector	1,500.00	.....	.....
Simpson, John M.	Stock examiner	900.00	.....	.....
Snyder, Rudolph.	Assistant inspector	1,200.00	June 29, 1906	June 30, 1906
Songer, Lee C.	.....	1,200.00	July 1, 1905	May 31, 1906
Do.	Inspector	1,400.00	June 1, 1906	June 30, 1906
Stout, Edgar N.	.....	1,400.00	.....	.....
Summers, John.	Tagger	840.00	.....	.....
Swedburg, A. W.	Inspector	1,500.00	.....	.....
Totten, George E.	.....	1,500.00	.....	.....
Townsend, Norris L.	.....	1,500.00	July 1, 1905	Apr. 15, 1906 ^b
Traum, Jacob.	Assistant inspector	1,200.00	May 1, 1906	June 30, 1906
Upton, Wallace L.	Field stock examiner	1,000.00	July 1, 1905	Oct. 15, 1905 ^b
Valentine, Samuel I.	Stock examiner	900.00	.....	Sept. 24, 1905 ^b
Verry, Claude E.	Tagger	840.00	.....	Oct. 21, 1905 ^a
White, Thomas.	Inspector	1,500.00	.....	.....
Worcester, W. W.	.....	1,500.00	July 1, 1905	Nov. 13, 1905 ^b
Yard, Wm. W.	Assistant inspector	1,200.00	.....	Sept. 21, 1905 ^a
Zink, Chas. H.	Inspector	1,600.00	.....	.....
<i>Des Moines, Iowa.</i>				
Bagnall, J. I.	Laborer	p. d. 2.50	July 1, 1905	Aug. 1, 1905 ^a
Bennett, Edwin B., jr.	Assistant inspector	1,200.00	July 25, 1905	June 30, 1906
Cloud, Joel E.	Inspector	1,400.00	.....	Aug. 31, 1905 ^b
Dalzell, Howard H.	Tagger	720.00	Oct. 24, 1905	June 30, 1906
Dauncey, Fred C.	.....	720.00	Sept. 15, 1905	Oct. 21, 1905 ^a
Miller, Chester.	Inspector	1,500.00	June 16, 1906	June 30, 1906
Morse, Arthur B.	.....	1,500.00	July 1, 1905	June 14, 1906 ^a
Rogers, Burton R.	.....	1,400.00	.....	Aug. 31, 1905 ^b
Stubbs, Sherman C.	Tagger	720.00	.....	.....

a Services ended.

b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Detroit, Mich.</i>				
Green, Louis K.	Inspector.....	\$1,500.00		
Manny, Abram M.	Stock examiner.....	900.00	June 1, 1906	June 30, 1906
Morrison, Robert J.	Inspector.....	1,400.00	July 1, 1905	May 31, 1906
Do.....	do.....	1,600.00	June 1, 1906	June 30, 1906
Richards, Alice H.	Clerk.....	720.00	Dec. 16, 1905	Do.
Sommers, Jos. M.	Stock examiner.....	900.00		
Veldhuis, Zachary.....	Assistant inspector.....	1,200.00	June 1, 1906	June 30, 1906
<i>Eau Claire, Wis.</i>				
Butler, George W.	Inspector.....	1,500.00		
Granger, Dighton.....	Stock examiner.....	900.00	June 1, 1906	June 30, 1906
Hoswell, Frank H.	Tagger.....	720.00	Sept. 28, 1905	May 2, 1906 ^a
<i>Fort Fairfield, Me.</i>				
Perry, F. M.	Inspector.....	1,400.00		
<i>Fargo, N. Dak.</i>				
Anglicker, Jacob.....	Assistant inspector.....	1,200.00	July 1, 1905	Nov. 15, 1905 ^b
Barth, W. C.	Inspector.....	1,500.00		
Beechy, Levi P.	do.....	1,500.00		
Blackwell, A. M.	do.....	1,400.00		
Blackwell, John E.	do.....	1,500.00	July 1, 1905	Nov. 30, 1905 ^b
Bond, George A.	do.....	1,500.00		
Bowman, Jesse C.	Assistant inspector.....	1,200.00	July 1, 1905	Dec. 6, 1905 ^a
Bracken, Wm. J.	do.....	1,200.00	do.....	Apr. 30, 1906
Do.....	Inspector.....	1,400.00	May 1, 1906	June 30, 1906
Brimhall, S. D.	Assistant inspector.....	1,200.00	July 1, 1905	Nov. 14, 1905 ^a
Do.....	do.....	1,200.00	May 16, 1906	June 30, 1906
Butler, Wm. J.	do.....	1,200.00	July 1, 1905	May 31, 1906
Do.....	Inspector.....	1,400.00	June 1, 1906	June 30, 1906
Cohenour, Howard H.	do.....	1,400.00		
Collins, Horace H.	do.....	1,400.00	July 1, 1905	Nov. 30, 1905 ^a
Cosford, Samuel E.	do.....	1,500.00		
Crewe, W. F.	do.....	1,400.00		
Cary, Emerson J.	do.....	1,400.00		
Davis, B. C.	Assistant inspector.....	1,200.00	July 1, 1905	Do.
Eagle, Richard F.	Inspector.....	1,400.00	do.....	Nov. 15, 1905 ^b
Eagle, Thomas J.	Assistant inspector.....	1,200.00	do.....	Apr. 30, 1906
Do.....	Inspector.....	1,400.00	May 1, 1906	June 30, 1906
Ells, Frank C.	do.....	1,500.00		
Elwell, Fred N.	Assistant inspector.....	1,200.00	Apr. 16, 1906	Do.
Evans, Fred.....	Inspector.....	1,400.00		
Faunce, Archibald L.	Stock examiner.....	900.00	July 1, 1905	Aug. 15, 1905
Do.....	Assistant inspector.....	1,200.00	Aug. 16, 1905	Nov. 15, 1905 ^b
Fish, J. G.	Inspector.....	1,500.00		
Glynn, Frank J.	Assistant inspector.....	1,200.00	July 1, 1905	Apr. 30, 1906
Do.....	Inspector.....	1,400.00	May 1, 1906	June 30, 1906
Harrington, Charles F.	Tagger.....	840.00	July 1, 1905	
Do.....	do.....	720.00	Apr. 16, 1906	Nov. 30, 1905 ^b
Herbert, Clay M.	do.....	720.00	July 1, 1905	July 15, 1905
Do.....	do.....	840.00	July 16, 1905	June 30, 1906
Kiernan, John A.	Inspector.....	1,500.00		
Lawton, Russell G.	do.....	1,500.00		
Lipp, George A.	Assistant inspector.....	1,200.00	Aug. 16, 1905	Nov. 30, 1905 ^b
Lowe, John II.	do.....	1,200.00	May 1, 1906	June 30, 1906
McClure, Stewart W.	do.....	1,200.00	July 1, 1905	Apr. 15, 1906
Do.....	Inspector.....	1,400.00	Apr. 16, 1906	June 30, 1906
Nutting, L. A.	do.....	1,400.00		
Ramsay, Robert A.	do.....	1,600.00	July 1, 1905	Dec. 19, 1905 ^b
Sargent, Linus E.	Field stock examiner.....	1,000.00	do.....	Nov. 30, 1905 ^b
Schafer, Cecil K.	do.....	1,000.00	do.....	Do.
Smith, Nathaniel B.	Inspector.....	1,500.00		
Somerville, Samuel, Jr.	Assistant inspector.....	1,200.00	July 1, 1905	Oct. 31, 1905 ^a
Stauffer, John A.	do.....	1,200.00	do.....	Apr. 15, 1906
Do.....	Inspector.....	1,400.00	Apr. 16, 1906	June 30, 1906
Treacy, Robt. H.	do.....	1,600.00	July 1, 1905	Dec. 31, 1905
Do.....	do.....	1,600.00	Jan. 1, 1906	June 30, 1906
West, Wm. L.	Assistant inspector.....	1,200.00	July 1, 1905	Nov. 30, 1905 ^b
Weston, Fred W.	do.....	1,200.00	do.....	Sept. 15, 1905 ^a
Wight, Alexander E.	Inspector.....	1,500.00	do.....	June 30, 1906

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Fort Collins, Colo.</i>				
Carlyle, Wm. L.	Expert in animal husbandry.	\$1,000.00		
Hutton, James.	Expert groom	1,200.00	Mar. 15, 1906	June 30, 1906
McFarlane, Andrew	do	1,000.00	July 1, 1905	Mar. 15, 1906 ^a
<i>Fort Worth, Tex.</i>				
Armstrong, Thos. L.	Inspector.	1,500.00	Nov. 4, 1905	May 23, 1906 ^b
Blount, Stephen L.	Assistant inspector.	1,200.00		
Bower, Walter C.	do	1,200.00		
Brown, Albert S.	Tagger.	720.00	July 1, 1905	Nov. 5, 1905 ^a
Brown, Virgil L.	do	720.00	do	Apr. 30, 1906 ^b
Chamberlin, Wm. E.	do	720.00		
Collins, Sebastian E.	do	720.00		
Conner, Dellas W.	do	720.00		
Eagle, Wm. W.	Assistant inspector.	1,200.00	June 11, 1906	June 30, 1906
Gerrish, James L.	Stock examiner.	900.00	May 10, 1906	Do.
Hand, Eoline R.	Tagger.	720.00	July 1, 1905	Nov. 10, 1905 ^b
Haskett, Bert.	Stock examiner.	900.00	do	Apr. 11, 1906 ^b
Hewson, George.	Tagger.	720.00	Jan. 15, 1906	June 30, 1906
Houck, U. G.	Inspector.	1,800.00	July 1, 1905	Oct. 15, 1905 ^b
Hoyt, Seymour R.	Stock examiner.	900.00		
Hunter, Theodore A.	Tagger.	720.00	July 1, 1905	Jan. 15, 1906 ^b
Jenkins, Wm.	do	720.00	do	June 10, 1906 ^b
McFarland, Arthur J.	Stock examiner.	900.00	Jan. 16, 1906	Jan. 25, 1906 ^a
Mitchell, W. Clyde.	Assistant inspector.	1,200.00		
Myer, Elisha.	do	1,200.00		
Naughton, Michael T.	Inspector.	1,500.00	Mar. 1, 1906	Mar. 12, 1906 ^a
Owens, Irvin.	Assistant inspector.	1,200.00		
Paden, Charles W.	Tagger.	720.00	Mar. 1, 1906	June 30, 1906
Pickett, Theodore.	do	720.00	July 1, 1905	Jan. 14, 1906 ^b
Pollitt, Frank E.	Stock examiner.	900.00		
Potratz, Henry F.	Assistant inspector.	1,200.00	July 10, 1905	Apr. 30, 1906 ^b
Ruth, Adolph.	do	1,200.00	July 1, 1905	July 16, 1905 ^b
Schuman, Charles.	Tagger.	720.00	do	Aug. 31, 1905
Do	Clerk.	840.00	Sept. 1, 1905	June 30, 1906
Sloan, John A.	Inspector.	1,400.00		
Snell, John W.	Tagger.	720.00		
Wallace, A. H.	Inspector.	1,500.00	Oct. 16, 1905	Do.
Williams, Harvey D.	Stock examiner.	900.00	Apr. 23, 1906	Do.
Woolfolk, George H.	do	900.00	Mar. 12, 1906	June 28, 1906 ^b
<i>Halethorpe, Md.</i>				
Biden, Harry.	Laborer.	p. d. 1.50		
Biden, Thomas.	do	p. d. 1.50		
Brooke, F. M.	Carpenter.	p. d. 2.50		
Choysam, Michael.	do	p. d. 2.50		
Wade, Wm. H.	Superintendent, quarantine station.	900.00		
<i>Helena, Mont.</i>				
Knowles, M. E.	Inspector.	p. d. 4.00		
<i>Honolulu, Hawaii.</i>				
Nörgaard, Victor A.	Inspector.	1,400.00		
<i>Hutchinson, Kans.</i>				
Adams, Charles.	Stock examiner.	900.00	June 9, 1906	June 30, 1906
Blackwell, John E.	Inspector.	1,500.00	Dec. 1, 1905	Do.
Hines, Lindley M.	Tagger.	720.00	Apr. 1, 1906	Do.
Schafer, Cecil K.	Stock examiner.	900.00	Dec. 1, 1905	Mar. 31, 1906 ^b
<i>Indianapolis, Ind.</i>				
Alexander, Wm. S.	Tagger.	720.00		
Armstrong, Thomas L.	Inspector.	1,500.00	July 1, 1905	Nov. 3, 1905 ^b
Do	do	1,500.00	May 24, 1906	June 30, 1906
Bell, Izetta A.	Assistant microscopist.	600.00		
Brewer, Frank W.	Inspector.	1,400.00	July 5, 1905	Nov. 15, 1905 ^b
Canfield, Charles H.	do	1,500.00	July 1, 1905	May 15, 1906 ^b
Carroll, John H.	Clerk.	900.00		
Dickinson, Mattie H.	Assistant microscopist	600.00		

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Indianapolis, Ind.—Con.</i>				
Dreyer, Lewis S.	Tagger.	\$720.00	July 1, 1905	Sept. 15, 1905
Do.	Stock examiner.	900.00	Sept. 16, 1905	June 30, 1906
Egan, Mary A.	Assistant microscopist.	600.00		
Fox, Jacob	Stock examiner.	900.00		
Frantz, Wm. A.	do	900.00	July 1, 1905	June 15, 1906 ^b
Grady, Martin P.	Clerk.	900.00		
Hollenbeck, John B.	Inspector.	1,400.00		
Hubbard, Henry F.	Laborer.	p. d. 2.00		
Jones, George S.	Clerk.	840.00		
Jones, Thomas H.	Stock examiner.	900.00	Feb. 5, 1906	Mar. 15, 1906
Do.	Assistant inspector.	1,200.00	Mar. 16, 1906	June 30, 1906
Kellar, Lizzie	Assistant microscopist.	600.00		
Koontz, Geo. W.	Stock examiner.	900.00		
Lee, Arthur J.	Tagger.	720.00	July 1, 1905	May 31, 1906
Licking, Lewis A.	Stock examiner.	900.00	June 1, 1906	June 30, 1906
Lucid, Mary	Assistant microscopist.	600.00	June 26, 1906	Do.
Lynch, John E.	Tagger.	720.00		
Metcalf, Martha L.	Assistant microscopist.	600.00		
Morrison, Mary	Laborer.	p. m. 30.00		
Nutter, Huitt H.	Tagger.	720.00	July 1, 1905	Aug. 20, 1905 ^a
Palmer, Charles F.	Inspector.	1,500.00		
Quinn, Matthew	Stock examiner.	900.00		
Quinn, Patrick E.	Assistant inspector.	1,200.00		
Ritchie, Mary E.	Assistant microscopist.	600.00		
Robinson, Rachel E.	do	600.00		
Skidmore, Don I.	Assistant inspector.	1,200.00	Nov. 15, 1905	June 30, 1906
Snyder, Alva	Tagger.	720.00	Sept. 1, 1905	Apr. 13, 1906 ^b
Snyder, Orrin W.	Inspector.	1,500.00		
Sorensen, Neils C.	do	1,600.00	July 1, 1905	Nov. 14, 1905
Do.	do	1,800.00	Nov. 15, 1905	June 30, 1906
Sowers, S. S.	Stock examiner.	900.00		
Tuck, Richard W.	Inspector.	1,500.00	July 1, 1905	June 24, 1906 ^b
Turnbull, Robert	do	1,500.00		
Walter, Harry K.	do	1,500.00		
Wampler, James W.	Stock examiner.	900.00	July 1, 1905	Dec. 15, 1905 ^b
<i>Jersey City, N. J.</i>				
Cramer, Charles F.	Stock examiner.	900.00	Feb. 1, 1906	June 30, 1906
Due, Immanuel	Clerk.	900.00	July 1, 1905	Nov. 15, 1905 ^b
Fahrenbach, Frank A.	Stock examiner.	900.00	do	Dec. 5, 1905 ^b
Hoerner, George J.	do	900.00		
Huelsen, Julius	Inspector.	1,600.00		
McBride, Archibald	do	1,500.00		
Mangan, Daniel J.	do	1,400.00	July 1, 1905	Sept. 30, 1905 ^a
Mattatall, Ira C.	do	1,400.00	do	Apr. 30, 1906
Do.	do	1,600.00	May 1, 1906	May 17, 1906 ^b
Purcell, John, jr.	Tagger.	720.00	July 1, 1905	July 31, 1905
Do.	Stock examiner.	900.00	Aug. 1, 1905	June 30, 1906
Shea, Thomas	Tagger.	720.00	July 1, 1905	Nov. 9, 1905 ^b
<i>Kansas City, Kans.</i>				
Adams, Charles	Stock examiner.	900.00	July 1, 1905	June 8, 1906 ^b
Adair, Harry B.	Inspector.	1,500.00		
Allen, Leslie J.	do	1,500.00	July 1, 1905	Apr. 30, 1906
Do.	do	1,600.00	May 1, 1906	June 30, 1906
Allen, Rollin M.	Assistant inspector.	1,200.00	Sept. 1, 1905	Nov. 30, 1905 ^a
Allingham, Edward T.	Tagger.	720.00	May 7, 1906	June 14, 1906 ^a
Anglicker, Jacob	Assistant inspector.	1,200.00	Nov. 16, 1905	June 30, 1906
Armstrong, Anna B.	Assistant microscopist.	600.00		
Babb, George F.	Tagger.	720.00		
Babcock, Henry C.	Inspector.	1,400.00	July 1, 1905	May 15, 1906
Do.	do	1,500.00	May 16, 1906	June 30, 1906
Babson, Sumner C.	Assistant inspector.	1,200.00	July 1, 1905	Apr. 13, 1906 ^b
Baker, Lewis R.	Inspector.	2,000.00	Nov. 16, 1905	June 30, 1906
Bale, Anna E.	Assistant microscopist.	600.00		
Barthels, Amelia	do	600.00		
Beattie, Joseph G.	Stock examiner.	900.00	July 1, 1905	Mar. 13, 1906 ^a
Bell, Edmund W.	do	900.00		
Bennett, Samuel E.	Inspector.	2,000.00	July 1, 1905	Nov. 15, 1905 ^b
Biggs, Anson W.	Stock examiner.	900.00		
Blackmar, Chas. E.	do	900.00		

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.		
			From—	To—	
<i>Kansas City, Kans.—Con.</i>					
Boyce, Nelson V.....	Inspector.....	\$1,400.00	July 1, 1905	May 31, 1906	
Do.....	do.....	1,500.00	June 1, 1906	June 30, 1906	
Bray, Stephen B.....	Tagger.....	720.00			
Bray, Thomas A.....	Inspector.....	1,600.00			
Brewer, Frank W.....	do.....	1,400.00			
Bromell, Geo. W.....	Stock examiner.....	900.00	Nov. 16, 1905	Do.	
Do.....	Assistant inspector.....	1,200.00	July 1, 1905	Mar. 31, 1906	
Browning, George W.....	Inspector.....	1,400.00	Apr. 1, 1906	June 30, 1906	
Bruser, Joseph.....	Live stock agent.....	1,200.00	May 5, 1906	Do.	
Buffington, Ralph M.....	Assistant inspector.....	1,200.00			
Bugbee, Clinton H.....	Inspector.....	1,500.00			
Bunce, Mary.....	Assistant microscopist.....	600.00			
Burgess, Wm.....	Stock examiner.....	900.00			
Burgett, John L.....	Inspector.....	1,400.00			
Burke, Margaret.....	Assistant microscopist.....	600.00			
Burke, Mary L.....	do.....	600.00			
Butin, Geo. E.....	Stock examiner.....	900.00	July 1, 1905	Mar. 15, 1906	
Do.....	Assistant inspector.....	1,200.00	Mar. 16, 1906	June 30, 1906	
Byrd, Oliver W.....	Stock examiner.....	900.00			
Campbell, Delwin M.....	Tagger.....	720.00	July 1, 1905	Aug. 15, 1905 ^a	
Cannon, Earle C.....	Stock examiner.....	900.00			
Cannon, James R.....	Tagger.....	720.00	June 25, 1906	June 30, 1906	
Carter, Clifton.....	do.....	720.00			
Cathel, Geo. T.....	Stock examiner.....	900.00			
Clawson, Clarence A.....	Inspector.....	1,500.00			
Cock, James H.....	Assistant inspector.....	1,200.00	May 1, 1906	Do.	
Conley, Charles C.....	Stock examiner.....	900.00	July 1, 1905	July 23, 1905	
Do.....	Assistant inspector.....	1,200.00	July 24, 1905	June 30, 1906	
Cooper, Charles M.....	Stock examiner.....	900.00			
Cooper, John D.....	Assistant inspector.....	1,200.00			
Cooper, W. Ross.....	Stock examiner.....	900.00			
Corbett, Chas. M.....	Assistant inspector.....	1,200.00			
Cracraft, T. Byron.....	Inspector.....	1,500.00			
Do.....	Stock examiner.....	900.00	July 1, 1905	Aug. 31, 1905	
Croft, Victor F.....	Assistant inspector.....	1,200.00	Sept. 1, 1905	June 30, 1906	
Crowley, Nellie B.....	Tagger.....	720.00	July 1, 1905	May 9, 1906 ^b	
Cunningham, Bernard.....	Assistant microscopist.....	600.00			
Davies, Charles H.....	Stock examiner.....	900.00			
Dean, Albert.....	Live stock agent.....	1,500.00			
Dell, H. H.....	Assistant inspector.....	1,800.00	July 5, 1905	Aug. 31, 1905	
Do.....	Inspector.....	1,200.00	Sept. 1, 1905	Nov. 15, 1905 ^b	
Dill, Robert.....	Assistant inspector.....	1,200.00	July 1, 1905	Apr. 13, 1906 ^b	
Eagle, John G.....	do.....	1,200.00			
Eichhorn, Adolph.....	Inspector.....	1,400.00	July 1, 1905	Apr. 30, 1906 ^b	
Elwell, Fred N.....	Assistant inspector.....	1,200.00	do.....	Apr. 15, 1906 ^b	
Evans, Sallie A.....	Assistant microscopist.....	600.00			
Faulder, Ernest T.....	Tagger.....	720.00			
Flora, Josiah D.....	Stock examiner.....	900.00			
Foreman, Ernest J.....	Inspector.....	1,500.00	Nov. 15, 1905	Dec. 30, 1905 ^a	
Fowkes, Albert, sr.....	Stock examiner.....	900.00			
Franklin, Geo. A.....	do.....	900.00			
Frechette, Midge.....	Assistant microscopist.....	600.00			
Freeman, Harry D.....	Stock examiner.....	900.00			
Fry, Wm. A.....	Assistant inspector.....	1,200.00			
Gallagher, Bernard A.....	Inspector.....	1,400.00			
Gallagher, John J.....	Assistant inspector.....	1,200.00	Nov. 14, 1905	Apr. 11, 1906 ^b	
Games, Moses.....	Stock examiner.....	900.00			
Garlick, Wm. B.....	do.....	900.00			
Gobble, Washington.....	do.....	900.00			
Graham, Ralph.....	Inspector.....	1,400.00	June 1, 1906	June 30, 1906	
Grimes, Robert B.....	Assistant inspector.....	1,200.00	July 1, 1905	July 31, 1905 ^a	
Do.....	do.....	1,200.00	Apr. 23, 1906	June 30, 1906	
Grove, John S.....	Inspector.....	1,500.00			
Hanrahan, Josie.....	Assistant microscopist.....	600.00			
Harrington, Charles F.....	Tagger.....	720.00	Dec. 1, 1905	Apr. 15, 1906 ^b	
Hart, John E.....	do.....	720.00			
Haynes, James R.....	do.....	720.00	July 1, 1905	Oct. 31, 1905 ^a	
Henry, Mary.....	Assistant microscopist.....	600.00			
Herrick, Hiram G.....	Clerk.....	900.00	July 1, 1905	May 31, 1906	
Do.....	do.....	1,000.00	June 1, 1906	June 30, 1906	
Hiatt, Wm. L.....	Inspector.....	1,400.00			
Hoffman, Will J.....	Tagger.....	720.00	July 1, 1905	June 22, 1906 ^a	
Hollis, Alfred B.....	Assistant inspector.....	1,200.00			
Hodd, Harvey B.....	do.....	1,200.00	July 1, 1905	Apr. 13, 1906 ^b	
Hosler, Carrie B.....	Assistant microscopist.....	600.00			

^a Services ended.^b Change of station.^c Rate of pay changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Kansas City, Kans.—Con.</i>				
Hughes, Sallie	Assistant microscopist	\$600.00		
Irwin, Albert N.	Inspector	1,500.00		
Ivers, Robert	Laborer	p. d. 2.00		
Jelen, Frank	Stock examiner	900.00	July 1, 1905	Aug. 31, 1905
Do.	Assistant inspector	1,200.00	Sept. 1, 1905	June 28, 1906 ^b
Johnson, Hattie M.	Assistant microscopist	600.00		
Johnson, Levi E.	Assistant inspector	1,200.00		
Johnson, Raymond	Inspector	1,500.00	July 1, 1905	Apr. 17, 1906 ^b
Jones, Thomas A.	Assistant inspector	1,200.00	Dec. 16, 1905	June 30, 1906
Jorden, Wm. D.	Live stock agent	1,200.00		
Jost, August	Tagger	720.00		
Kelly, Herman J.	Assistant microscopist	600.00		
Keppel, John	Assistant inspector	1,200.00	July 1, 1905	May 15, 1906
Do.	Inspector	1,400.00	May 16, 1906	June 30, 1906
Kershner, Peter I.	do	1,500.00		
Knox, Harrison H.	Tagger	720.00		
Koen, Albert R.	Stock examiner	900.00		
Koen, John S.	Tagger	720.00		
Lamb, Morgan B.	Assistant inspector	1,200.00		
Lavery, Wm. F.	Inspector	1,400.00	July 1, 1905	Mar. 31, 1906
Do.	do	1,500.00	Apr. 1, 1906	May 31, 1906 ^b
Lawrence, Howard L.	Assistant inspector	1,200.00	July 10, 1905	June 30, 1906
Leighton, Orrin L.	Clerk	840.00	Jan. 25, 1906	Apr. 30, 1906
Do.	do	900.00	May 1, 1906	June 30, 1906
Leyser, Jeremiah C.	Stock examiner	900.00		
Licking, Lewis A.	Assistant inspector	1,200.00		
Linderman, Tessie	Assistant microscopist	600.00		
Lint, Milton C.	Assistant inspector	1,200.00		
Lynch, Kate	Assistant microscopist	600.00		
McCall, Charles A.	Inspector	1,400.00		
McCane, Elizabeth L.	Assistant microscopist	600.00		
McCunningham, D.	Live stock agent	1,200.00	July 1, 1905	Oct. 16, 1905 ^a
McLeland, Thos. A.	Stock examiner	900.00		
Mack, Winfred B.	Assistant inspector	1,200.00	July 1, 1905	Oct. 31, 1905 ^a
MacKellar, Wm. A.	Inspector	1,400.00		
Madden, Michael J.	Stock examiner	900.00		
Martana, Kate	Assistant microscopist	600.00		
Matson, Bessie J.	do	600.00		
Mauldin, Columbus E.	Assistant inspector	1,200.00		
Meade, Albert M.	Tagger	720.00		
Mertell, Margaret	Assistant microscopist	600.00		
Milner, Clarence A.	Tagger	720.00	Nov. 15, 1905	June 30, 1906
Morgan, Porter	Stock examiner	900.00		
Morley, Henry	do	900.00		
Moser, George C.	Live stock agent	1,200.00		
Muncy, Simon G.	Tagger	720.00		
Myers, Willis A.	Assistant inspector	1,200.00	May 5, 1906	Do.
Niles, Edwin P.	do	1,200.00	Oct. 11, 1905	Dec. 9, 1905 ^a
Do.	Inspector	1,400.00	July 1, 1905	May 31, 1906
Noonan, Thomas	Stock examiner	900.00	June 1, 1906	June 30, 1906
Norris, Clarence L.	Tagger	720.00		
Olmsted, Orrin E. G.	Stock examiner	900.00		
Osborne, Nora	Assistant microscopist	600.00		
Otterman, James L.	Inspector	1,500.00		
Parker, Joseph W.	do	1,500.00		
Parkerson, Charles A., jr.	Assistant inspector	1,200.00		
Pearson, Charles	Inspector	1,400.00		
Pickett, Theodore	Tagger	720.00	June 25, 1906	June 30, 1906
Pinkerton, Harry E.	Assistant inspector	1,200.00	July 1, 1905	Aug. 13, 1906 ^b
Platt, Daniel S.	Tagger	720.00		
Raban, Robert M.	Assistant inspector	1,200.00	July 5, 1905	June 30, 1906
Reid, Joseph C.	Tagger	720.00		
Repp, George E.	Assistant inspector	1,200.00	July 1, 1905	Dec. 15, 1905 ^b
Richardson, John H.	Stock examiner	900.00		
Richmond, Xavia I.	Inspector	1,400.00	Nov. 16, 1905	June 30, 1906
Robards, Jesse	Assistant inspector	1,200.00	July 1, 1905	Nov. 30, 1905 ^a
Do.	do	1,200.00	May 1, 1906	June 30, 1906
Rogers, Jessie E.	Assistant microscopist	600.00		
Rohrer, Leonard S.	Tagger	720.00		
Rowles, Maud E.	Assistant microscopist	600.00		
Rowse, Charles W.	Stock examiner	900.00		
Ruth, Adolph	Assistant inspector	1,200.00	July 17, 1905	Apr. 30, 1906
Do.	Inspector	1,400.00	May 1, 1906	June 30, 1906
Sappington, Morey A.	Assistant inspector	1,200.00	July 1, 1905	May 15, 1906
Do.	Inspector	1,400.00	May 16, 1906	June 30, 1906

a Services ended.

b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Kansas City, Kans.—Con.</i>				
Sargent, Linus E.	Stock examiner.	\$900.00	Dec. 1, 1905	Mar. 31, 1906
Do.	Field stock examiner.	1,000.00	Apr. 1, 1906	Apr. 11, 1906 ^b
Saunders, Wm. H.	Stock examiner.	900.00		
Schoettle, May B.	Assistant microscopist	600.00		
Shannon, John W.	Stock examiner.	900.00		
Sherwood, Everett C.	Clerk, stenographer and typewriter.	840.00	May 7, 1906	June 30, 1906
Simcocke, Joseph O.	Assistant inspector.	1,200.00	July 1, 1905	Sept. 20, 1905 ^a
Singleton, Henry.	Stock examiner.	900.00		
Smith, Walter A.	Tagger.	720.00		
Stafford, James R.	do	720.00		
Steel, James M.	do	720.00		
Steffen, Martin R.	Assistant inspector.	1,200.00	July 1, 1905	Nov. 17, 1905 ^a
Stine, Benjamin L.	Special live-stock agent.	1,200.00		
Stingley, Orville A.	Assistant inspector.	1,200.00	July 1, 1905	May 31, 1906
Do.	Inspector.	1,400.00	June 1, 1906	June 30, 1906
Sweet, Stella.	Assistant microscopist.	600.00		
Thrower, John D.	Assistant inspector.	1,200.00		
Torrence, Emma L.	Assistant microscopist.	600.00		
Travers, Frederick P.	Tagger.	720.00		
Trees, Oliver P.	do	720.00	July 1, 1905	Nov. 13, 1905 ^a
Do.	do	720.00	June 13, 1906	June 30, 1906
Tunstall, Jennie.	Assistant microscopist.	600.00		
Turner, Thomas J.	Inspector.	1,600.00		
Valentine, Samuel I.	Stock examiner.	900.00	Sept. 25, 1905	Do.
Van Allstyne, Wm. C.	Assistant inspector.	1,200.00	July 1, 1905	Aug. 26, 1905 ^a
Vance, Isaac N.	Clerk.	900.00	do	May 31, 1906
Do.	do	1,000.00	June 1, 1906	June 30, 1906
Wagner, Albert E.	Stock examiner.	900.00		
Walch, Chas. I.	do	900.00		
Waldo, Clara M.	Assistant microscopist.	600.00		
Wallace, Archibald H.	Inspector.	1,500.00	July 1, 1905	Oct. 15, 1905 ^b
Waller, Harvey L.	Tagger.	720.00	do	Apr. 17, 1906 ^b
Warner, Dick E.	do	720.00		
Weaver, Nelson E.	do	720.00		
Webster, John H.	do	720.00		
West, Wm. L.	Assistant inspector.	1,200.00	Dec. 1, 1905	June 30, 1906
Williams, Homer W.	Tagger.	720.00	June 22, 1906	Do.
Winant, Frank L.	Assistant inspector.	1,200.00	July 1, 1905	Apr. 30, 1906
Do.	Inspector.	1,400.00	May 1, 1906	June 10, 1906 ^b
Woodson, Fannie B.	Assistant microscopist.	600.00		
Woolen, D. Murton.	Assistant inspector.	1,200.00	July 1, 1905	Apr. 13, 1906 ^b
Woolfolk, George H.	Stock examiner.	900.00	do	Sept. 30, 1905 ^a
Wyatt, Emma M.	Assistant microscopist.	600.00		
Yenner, Wm.	Stock examiner.	900.00	July 1, 1905	Mar. 31, 1906
Do.	Assistant inspector.	1,200.00	Apr. 1, 1906	June 30, 1906
Young, George D.	Clerk.	900.00	July 1, 1905	May 31, 1906
Do.	do	1,000.00	June 1, 1906	June 30, 1906
Young, John M.	Assistant inspector.	1,200.00	July 25, 1905	May 31, 1906
Do.	Inspector.	1,400.00	June 1, 1906	June 30, 1906
Zimmerman, Herman E.	Tagger.	720.00		
<i>Kingston, R. I.</i>				
Curtice, Cooper.	Expert in animal husbandry.	500.00	Aug. 1, 1905	June 30, 1906
Kirkpatrick, Wm. F.	Assistant expert in animal husbandry.	700.00	Aug. 18, 1905	Do.
Taylor, Lyman.	Laborer.	p. m. 37.00	Aug. 1, 1905	Sept. 30, 1905 ^a
<i>Knoxville, Tenn.</i>				
Ellenberger, Wm. P.	Inspector.	1,500.00		
Hopkins, Frederick W.	do	1,500.00		
Nighbert, E. M.	Assistant inspector.	1,200.00	July 1, 1905	July 31, 1905
Do.	Inspector.	1,400.00	Aug. 1, 1905	June 30, 1906
Ragland, Marcus J.	Assistant inspector.	1,200.00	July 1, 1905	Dec. 31, 1905 ^b
Richardson, A. G. G.	Inspector.	1,800.00	do	Nov. 14, 1905 ^b
Warner, George D.	Stock examiner.	900.00		
<i>Lafayette, Ind.</i>				
Cloud, Joel E.	Inspector.	1,400.00	May 1, 1906	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
Farley, David S.	Stock examiner.	900.00	May 1, 1906	Do.
Oldham, James S.	do	900.00	do	Do.
Potratz, Henry F.	Assistant inspector.	1,200.00	do	Do.

a Services ended.

b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Liverpool, England.</i>				
Geddes, Tooie A.....	Special inspector, etc.....	\$2,500.00		
Johnston, James.....	Inspector.....	1,800.00	July 1, 1905	June 14, 1906 ^b
<i>London, England.</i>				
Wray, Wm. H.....	Inspector.....	p. d. 12.50		
<i>Los Angeles, Cal.</i>				
Coleman, Arthur T.....	Assistant inspector.....	1,200.00		
Hill, Wm. E.....	Live-stock agent.....	1,200.00		
Kampschmidt, Frank L.....	Assistant inspector.....	1,200.00	Jan. 1, 1906	June 30, 1906
Keane, Charles.....	Inspector.....	1,500.00		
Keane, Joseph S.....	Ass stant inspector.....	1,200.00		
Krowl, Isaac N.....	do.....	1,200.00		
Nelson, John F.....	Stock examiner.....	900.00		
Nolte, Martin P. J.....	do.....	900.00	July 1, 1905	Dec. 31, 1905 ^a
O'Rourke, Arthur J.....	do.....	900.00		
Rishel, Albert E.....	Inspector.....	1,400.00	July 1, 1905	Mar. 31, 1906
Do.....	do.....	1,500.00	Apr. 1, 1906	June 30, 1906
Stephens, Edwin E.....	Stock examiner.....	900.00		
Watson, Arda.....	Live stock agent.....	900.00	Mar. 16, 1906	Do.
West, Laomer.....	Assistant inspector.....	1,200.00	June 9, 1906	Do.
<i>Louisville, Ky.</i>				
Brown, John W.....	Tagger.....	720.00	July 1, 1905	July 11, 1905 ^b
Bushong, John A.....	do.....	720.00		
Cady, Bert J.....	Assistant inspector.....	1,200.00	July 1, 1905	Apr. 15, 1906 ^b
Caldwell, Herbert.....	Inspector.....	1,500.00		
George, H. H.....	do.....	1,600.00		
Harris, Albert E.....	Clerk.....	900.00		
Jordan, Chas. N.....	Tagger.....	720.00		
King, James L.....	Stock examiner.....	900.00		
Knorr, George W.....	Assistant inspector.....	1,200.00		
Knowles, Adam T.....	do.....	1,200.00		
Turner, Joseph M.....	Stock examiner.....	900.00		
Wolfe, Jas. F. M.....	Tagger.....	720.00		
Woolfolk, George H.....	Stock examiner.....	900.00	June 29, 1906	June 30, 1906
<i>Madison, Wis.</i>				
Moore, Jay W.....	Expert in dairying.....	1,000.00	June 15, 1906	June 30, 1906
<i>Malone, N. Y.</i>				
Mayne, H. D.....	Inspector.....	1,200.00		
<i>Mankato, Minn.</i>				
Dell, H. H.....	Inspector.....	1,400.00	Nov. 16, 1905	June 30, 1906
<i>Mansfield, Conn.</i>				
Mason, Christie.....	Laboratory assistant.....	p. m. 80.00	July 31, 1905	Aug. 30, 1905 ^a
<i>Marshalltown, Iowa.</i>				
Burke, George C.....	Stock examiner.....	900.00	Jan. 1, 1906	June 30, 1906
Chickering, Mary E.....	Assistant microscopist.....	600.00		
Maxson, Rufus Y.....	Tagger.....	720.00		
Price, J. O. F.....	Inspector.....	1,500.00		
<i>Mason City, Iowa.</i>				
Jay, Robert.....	Inspector.....	1,400.00		
<i>Milwaukee, Wis.</i>				
Baumel, Henry.....	Stock examiner.....	900.00		
Caldwell, Ella M.....	Assistant microscopist.....	c 600.00		
Behnke, Albert E.....	Inspector.....	1,600.00		
Brock, Ralph O.....	Assistant inspector.....	1,200.00	Mar. 24, 1906	June 30, 1906
Brooks, J. Ernest.....	Tagger.....	720.00		
Bullock, Alfred D.....	Assistant inspector.....	1,200.00		

^a Services ended. ^b Change of station. ^c Rate of pay changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Milwaukee, Wis.—Cont'd.</i>				
Carlisle, May E.	Assistant microscopist	\$600.00		
Carney, J. W.	Stock examiner	900.00		
Cochrane, Robert E.	Inspector	1,400.00		
Colson, Charles F.	Assistant inspector	1,200.00	Apr. 2, 1906	June 30, 1906
Curtis, Chester J.	Stock examiner	900.00		
Davenport, Miles L.	Assistant inspector	1,200.00	July 1, 1905	Mar. 25, 1906 ^b
Eichstaedt, Jacob J.	Stock examiner	900.00		
Elmer, Charles	do	900.00		
Finch, Pearl M.	Assistant microscopist	600.00		
Fotheringham, Wm.	Inspector	1,400.00		
Greene, Theodore T.	do	1,500.00		
Hiller, Christian	Stock examiner	900.00		
Hopkins, Carolyn M.	Assistant microscopist	600.00		
Hornlein, Otto	Tagger	720.00	Jan. 8, 1906	June 30, 1906
Huey, Carlton	do	720.00	July 1, 1905	Dec. 31, 1905 ^b
Jerome, George	Assistant inspector	1,200.00	do	Apr. 30, 1906
Do	Inspector	1,400.00	May 1, 1906	June 30, 1906
Kelly, Frankie E.	Assistant microscopist	600.00		
Lyon, Josephine A.	do	600.00		
McCarthy, Thomas A.	Assistant inspector	1,200.00	June 27, 1906	Do.
Mackert, Frank	Stock examiner	900.00		
Maynard, M. Myrtle	Assistant microscopist	600.00		
Morse, Charles H.	Clerk	900.00	July 1, 1905	May 31, 1906
Do	do	1,000.00	June 1, 1906	June 30, 1906
Moss, Clayton E.	Tagger	720.00		
Murphy, Thomas C.	Stock examiner	900.00		
Nichols, Sue	Assistant microscopist	600.00		
Pauly, Mamie	do	600.00		
Reinsch, George J.	Clerk	900.00		
Roe, John F.	Assistant inspector	1,200.00	July 1, 1905	Apr. 30, 1906
Do	Inspector	1,400.00	May 1, 1906	June 30, 1906
Scholz, Ida M. E.	Assistant microscopist	600.00		
Schultz, Hattie	do	600.00		
Smith, Herbert M.	Inspector	1,500.00		
Somers, Nellie F.	Assistant microscopist	600.00		
Thurber, Emma C.	do	600.00		
Ward, Marie J.	do	600.00		
White, Jesse H.	Assistant inspector	1,200.00		
Whittaker, Elba E.	Assistant microscopist	600.00		
Whittaker, Sylvia M.	do	600.00		
Willis, Edna L.	do	600.00		
Wride, Geo. A.	Tagger	720.00		
Zimmerman, Anna	Assistant microscopist	600.00		
<i>Nashville, Tenn.</i>				
Browning, George W.	Inspector	1,400.00	July 1, 1905	May 4, 1906 ^b
Lentz, Edward S.	Tagger	720.00		
Lincoln, Willis B. *	Inspector	1,500.00		
<i>National Stock Yards, Ill.</i>				
Augsperger, Otto	Tagger	720.00		
Bender, Curtis J.	do	720.00	July 1, 1905	Sept. 9, 1905 ^a
Bevelot, Clement	do	720.00		
Bibb, Adelbert G.	Stock examiner	900.00	Sept. 25, 1905	June 30, 1906
Bibb, Arthur H.	Field stock examiner	1,000.00	Nov. 27, 1905	Jan. 3, 1906 ^a
Botteron, Franklin A.	Tagger	720.00		
Bowser, Edwin B.	do	720.00	July 1, 1905	Apr. 10, 1906 ^a
Bratton, James W.	do	720.00		
Bruton, A. R.	Stock examiner	900.00		
Bryant, Wm. C.	Tagger	720.00		
Burke, Henry	do	720.00	July 1, 1905	Nov. 3, 1905 ^a
Do	do	720.00	May 28, 1906	June 30, 1906
Burt, James H.	Assistant inspector	1,200.00		
Carr, Joseph G.	Tagger	720.00	July 1, 1905	Aug. 31, 1905 ^a
Do	do	720.00	Feb. 12, 1906	June 30, 1906
Carricker, Frank G.	do	720.00	July 1, 1905	Mar. 31, 1906 ^a
Casper, George T.	do	720.00	do	Mar. 31, 1906
Do	Assistant inspector	1,200.00	Apr. 1, 1906	Apr. 15, 1906 ^b
Cherrington, K. G.	do	1,200.00		
Clancy, Joseph B.	Inspector	1,800.00		
Cohenour, Wm. L., jr	Assistant inspector	1,200.00		
Conway, Wm. T.	do	1,200.00	July 1, 1905	May 31, 1906 ^b

a Services ended.

b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>National Stock Yards, Ill.—Continued.</i>				
Crawford, Wm. C.	Clerk.	\$1,000.00		
Doyle, Wm. J.	Stock examiner.	900.00		
Eagle, Alexander F.	Assistant inspector.	1,200.00	May 31, 1906	June 30, 1906
Edmond, Chas. S.	Tagger.	720.00		
Edsall, Henry M.	Stock examiner.	900.00	July 1, 1905	July 15, 1905
Do	Clerk.	900.00	July 16, 1905	Sept. 15, 1905 ^b
Evans, Elmer E.	Tagger.	720.00		
Flynn, Wm. T.	Stock examiner.	900.00		
Goff, Wesley M.	Assistant inspector.	1,200.00		
Graham, Ralph.	do	1,200.00	July 1, 1905	Apr. 15, 1906 ^b
Grant, Geo. K.	Tagger.	720.00		
Gray, Robert.	do	720.00		
Gregory, Marvin.	Assistant inspector.	1,200.00		
Hall, Joseph.	Tagger.	720.00		
Hartwell, Charles K.	Clerk.	840.00		
Hawkins, Jesse.	Tagger.	720.00		
Hoberg, John.	Stock examiner.	900.00	Apr. 23, 1906	June 30, 1906
Hughes, David A.	Assistant inspector.	1,200.00	July 1, 1905	Mar. 5, 1906 ^a
Irwin, James.	Stock examiner.	1,000.00	Aug. 1, 1905	June 30, 1906
Jackson, Roy E.	Inspector.	1,400.00	July 1, 1905	May 31, 1906
Do	do	1,500.00	June 1, 1906	June 30, 1906
Jones, Thomas A.	Assistant inspector.	1,200.00	July 1, 1905	Dee. 15, 1905 ^b
Jones, Thomas H.	Stock examiner.	900.00	do	Feb. 24, 1906 ^b
Kelly, Robert L.	Inspector.	1,500.00	do	Dee. 31, 1905 ^a
Lauek, Edward C.	Stock examiner.	900.00		
Lewis, Walter K.	Assistant inspector.	1,200.00		
Lowe, John H.	do	1,200.00	July 1, 1905	Apr. 30, 1906 ^b
Maloney, Alfred J.	do	1,200.00	June 27, 1906	June 30, 1906
Meadors, W. H.	Inspector.	1,400.00	July 1, 1905	May 15, 1906
Do	do	1,500.00	May 16, 1906	June 30, 1906
Murphy, Michael J.	Assistant inspector.	1,200.00		
Newlove, Harry S.	Clerk.	900.00	July 1, 1905	July 31, 1905 ^b
O'Keefe, Matthew.	Stock examiner.	900.00		
O'Neill, Frank.	do	900.00	July 1, 1905	Nov. 16, 1905 ^a
Potter, John E.	Tagger.	720.00	do	Apr. 13, 1906 ^a
Reidy, John B.	Assistant inspector.	1,200.00	do	May 31, 1906
Do	Inspector.	1,400.00	June 1, 1906	June 30, 1906
Rivers, George W.	Tagger.	720.00		
Robbins, John W.	do	720.00		
Schierman, John F.	Stock examiner.	900.00		
Skinner, Wm. II.	Tagger.	720.00		
Slee, John G.	Assistant inspector.	1,200.00	July 1, 1905	Aug. 31, 1905 ^b
Snyder, Alva.	Tagger.	720.00	do	Do.
Stephens, Russell A.	Assistant inspector.	1,200.00	do	Sept. 30, 1905 ^a
Sturtevant, Hayward.	Clerk.	840.00	Sept. 25, 1905	Oct. 31, 1905 ^a
Sullivan, Joseph.	Tagger.	720.00		
Sutherland, George.	Stock examiner.	900.00		
Tellejohn, Edwin H.	Tagger.	720.00		
Thomas, Robert H.	Assistant inspector.	1,200.00	July 1, 1905	July 31, 1905
Do	Inspector.	1,400.00	Aug. 1, 1905	June 30, 1906
Weaver, Flavus.	Tagger.	720.00		
Willey, Albert.	do	720.00		
Workheiser, H. F. R.	Stock examiner.	900.00		
Wright, Isaac H.	Tagger.	720.00	July 1, 1905	May 19, 1906 ^a
Yingst, Walter H.	Assistant inspector.	1,200.00	Sept. 1, 1905	Oct. 3, 1905 ^b
<i>Nebraska City, Nebr.</i>				
Burrows, Wm. E.	Tagger.	840.00	Sept. 15, 1905	Sept. 30, 1905
Do	do	720.00	Oct. 1, 1905	Mar. 19, 1906 ^b
Dammann, Fredk. A.	do	720.00		
Gibbs, W. H.	Inspector.	1,200.00		
Lyle, Hayes S.	Tagger.	720.00	May 7, 1906	June 30, 1906
Newman, Ben E.	Stock examiner.	900.00	July 1, 1905	Sept. 14, 1905 ^b
<i>Newark, N. J.</i>				
Castor, Thomas.	Inspector.	1,500.00	Nov. 1, 1905	June 30, 1906
Fink, John Wm.	do	1,500.00	July 1, 1905	Oct. 31, 1905 ^b
<i>New Haven, Conn.</i>				
Atchinson, John L.	Tagger.	720.00		
Leland, Henry.	Stock examiner.	900.00		
Long, Albert.	Inspector.	1,500.00		

^a Servies ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.		
			From—	To—	
<i>New Orleans, La.</i>					
McQueen, Asa N.	Inspector.....	p. d. \$5.00	July 1, 1905	Aug. 15, 1905 ^a	
<i>Newport, Vt.</i>					
Canfield, Chas. H.	Inspector.....	1,500.00	May 16, 1906	June 30, 1906	
Fling, Orlando.....	Assistant inspector.....	p. d. 5.00			
Ward, George W.	Inspector.....	1,400.00			
<i>New York, N. Y.</i>					
Abel, Louis.....	Inspector.....	1,500.00			
Balzer, Emil.....	Microscopist.....	1,400.00	July 1, 1905	Mar. 31, 1906 ^b	
Do.....	do.....	1,400.00	May 12, 1906	June 30, 1906	
Barrett, J. H.....	Expert in dairying.....	p. d. 5.00	Nov. 28, 1905	Do.	
Brister, Henry.....	Inspector.....	1,500.00			
Burch, S. Royden.....	Special agent.....	1,000.00			
Butterfass, J. F.....	Stock examiner.....	900.00			
Castor, Thomas.....	Inspector.....	1,500.00	July 1, 1905	Oct. 31, 1905 ^b	
Clarke, Michael H.....	Clerk, stenographer and typewriter.....	900.00	June 1, 1906	June 30, 1906	
Coles, Richman.....	Laborer.....	p. d. 2.50			
Cramer, Charles F.....	Stock examiner.....	900.00	July 1, 1905	Jan. 31, 1906 ^b	
De Ronde, John D.....	Inspector.....	1,400.00			
Dietrich, Ephraim.....	Clerk.....	1,200.00			
Due, Immanuel.....	do.....	900.00	Nov. 16, 1905	May 31, 1906	
Do.....	do.....	1,000.00	June 1, 1906	June 30, 1906	
Eckl, Wm.....	Inspector.....	1,400.00			
Fenstermacher, L. S. A.....	Tagger.....	720.00			
Fink, John Wm.....	Inspector.....	1,500.00	Nov. 1, 1905	Do.	
Flannery, James.....	Vessel inspector.....	1,200.00			
Foley, William.....	Stock examiner.....	1,000.00			
Gilmore, Frank J.....	Tagger.....	720.00			
Goebel, Fred J.....	do.....	840.00			
Haggerty, John J.....	Stock examiner.....	900.00			
Hendren, Samuel G.....	Inspector.....	1,500.00			
Hogan, Edward P.....	Stock examiner.....	900.00			
Hopper, John B.....	Inspector.....	1,500.00			
Hynes, Wm. R.....	do.....	1,400.00	July 1, 1905	May 31, 1906	
Do.....	do.....	1,500.00	June 1, 1906	June 30, 1906	
Isaac, Moses.....	Assistant inspector.....	1,200.00			
Jerome, Hiram.....	Stock examiner.....	900.00			
Levy, Wm.....	Clerk.....	720.00	July 1, 1905	Aug. 31, 1905 ^a	
Lovejoy, James E.....	Stock examiner.....	900.00			
Luepke, John F.....	do.....	900.00			
McBride, Richard A.....	Expert in dairying.....	p. d. 5.00	Nov. 28, 1905	June 30, 1906	
McEnaney, J. P.....	Clerk.....	1,200.00			
Martins, Alfred F.....	Inspector.....	1,500.00			
Mason, Albert T.....	Tagger.....	720.00			
Messemeyer, Geo. E.....	Stock examiner.....	900.00			
Miller, Monroe B.....	Inspector.....	1,500.00			
Roberts, John B.....	Tagger.....	720.00	July 1, 1905	Oct. 31, 1905 ^a	
Rose, William H.....	Inspector.....	2,500.00			
Rue, Ernest E.....	Stock examiner.....	900.00			
Schauer, Henry.....	do.....	900.00			
Schofield, Major.....	Assistant inspector.....	1,200.00	July 1, 1905	May 6, 1906 ^b	
Schopp, Henry.....	Tagger.....	720.00			
Schumacher, Geo. E.....	Stock examiner.....	900.00			
Selby, Stephen A.....	Assistant inspector.....	1,200.00			
Sharp, Guy A.....	Stock examiner.....	900.00			
Shea, Thomas.....	Tagger.....	720.00	Nov. 10, 1905	June 30, 1906	
Shipp, Frank L.....	do.....	720.00			
Slee, John G.....	Assistant inspector.....	1,200.00	Sept. 1, 1905	May 15, 1906	
Do.....	Inspector.....	1,400.00	May 16, 1906	June 30, 1906	
Smarzo, W. S.....	Expert in dairying.....	1,800.00	Apr. 16, 1906	Do.	
Thackaberry, Joseph.....	Inspector.....	1,500.00			
Van Valkenburgh, B. F.....	Dairy inspector.....	1,800.00	July 1, 1905	Mar. 31, 1906 ^a	
Waller, Harry N.....	Inspector.....	1,800.00			
Yingst, Walter H.....	Assistant inspector.....	1,200.00	July 1, 1905	Aug. 31, 1905 ^b	
<i>Norfolk, Va.</i>					
Faville, George C.....	Inspector.....	1,600.00			
Miller, Solomon.....	Stock examiner.....	1,000.00			
Stoner, W. E.....	do.....	900.00			

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Ogdensburg, N. Y.</i>				
Cowie, Charles.....	Inspector.....	p. d. \$8.00		
<i>Oklahoma City, Okla.</i>				
Johnson, Raymond.....	Inspector.....	1,500.00	Apr. 18, 1906	June 30, 1906
Smith, Samuel T.....	Stock examiner.....	900.00	June 1, 1906	Do.
Waller, Harvey L.....	Tagger.....	720.00	Apr. 18, 1906	Do.
<i>Orono, Me.</i>				
Cary, Eliphilet P.....	Laborer.....	p. d. 1.50	Apr. 1, 1906	June 30, 1906
Gowell, Gilbert M.....	Expert in animal husbandry.....	600.00	Sept. 1, 1905	Do.
Nutter, Joseph.....	Laborer.....	p. d. 1.75	Nov. 1, 1905	Mar. 31, 1906 ^a
Russell, Fremont L.....	Inspector.....	p. d. 8.00		
<i>Ottumwa, Iowa.</i>				
Allen, Rollin M.....	Assistant inspector.....	1,200.00	Apr. 7, 1906	Apr. 17, 1906 ^b
Baker, Eustace T.....	Tagger.....	720.00		
Cone, Fannie.....	Assistant microscopist.....	600.00		
Fletcher, Geo. C.....	Tagger.....	720.00		
Holman, Maud D.....	Assistant microscopist.....	600.00		
Hoswell, Frank H.....	Tagger.....	720.00	July 1, 1905	Sept. 27, 1905 ^b
Hunter, Bertha S.....	Assistant microscopist.....	600.00		
Mader, Abraham.....	Stock examiner.....	900.00		
Mahoney, Turner B.....	do.....	900.00		
Miller, Joshua.....	Inspector.....	1,500.00		
Stevens, Margaret E.....	Assistant microscopist.....	600.00		
Suit, Frisbie T.....	Inspector.....	1,400.00		
<i>Pierre, S. Dak.</i>				
Fretz, Warren J.....	Inspector.....	1,500.00	Apr. 1, 1906	June 30, 1906
<i>Philadelphia, Pa.</i>				
Andress, Wm. R.....	Inspector.....	1,400.00		
Benner, Willis G.....	Assistant inspector.....	1,200.00	July 1, 1905	Apr. 15, 1906
Do.....	Inspector.....	1,400.00	Apr. 16, 1906	June 30, 1906
Biehl, John.....	Laborer.....	p. d. 2.00		
Bigley, Charles J.....	Clerk.....	1,000.00		
Carlton, Florence E.....	Tagger.....	720.00	July 1, 1905	May 31, 1906
Do.....	Stock examiner.....	900.00	June 1, 1906	June 30, 1906
Carter, George.....	Vessel inspector.....	1,200.00		
Collahan, John C.....	Tagger.....	720.00	July 1, 1905	Aug. 31, 1905 ^a
Haughay, Wm. J.....	Laborer.....	p. d. 2.00	do.....	Apr. 30, 1906 ^a
Magee, Morton.....	Stock examiner.....	900.00		
Pepperman, Alfred.....	do.....	900.00		
Robinson, Matthew.....	do.....	900.00		
Schaufler, Chas. A.....	Inspector.....	1,800.00		
Tippett, Wm. T.....	Stock examiner.....	900.00		
Wright, George B.....	do.....	900.00	July 1, 1905	July 31, 1905 ^a
<i>Pittsburg, Pa.</i>				
Ainsworth, F. W.....	Inspector.....	1,500.00		
Bollinger, Howard L.....	Stock examiner.....	900.00		
Hilley, Daniel.....	Laborer.....	p. d. 2.00	July 1, 1905	Apr. 6, 1906 ^a
McHugh, Wm. O.....	Inspector.....	1,400.00		
Miller, Wm.....	Laborer.....	p. d. 2.00	July 1, 1905	Do.
Moran, W. J.....	do.....	p. d. 2.00	do.....	Do.
Pearce, Chas. E.....	Tagger.....	720.00	Apr. 1, 1906	June 30, 1906
Powell, Norman C.....	Inspector.....	1,400.00		
Teter, Geo. W.....	Tagger.....	720.00	July 1, 1905	Mar. 18, 1906 ^a
Vandervoort, Chas.....	do.....	720.00		
Wilkinson, Samuel.....	Laborer.....	p. d. 2.00	July 1, 1905	Apr. 6, 1906 ^a
<i>Port Huron, Mich.</i>				
Cumming, David.....	Inspector.....	p. d. 5.00		
<i>Portland, Me.</i>				
Huntington, F. W.....	Inspector.....	1,400.00		
Mullowney, P. H.....	do.....	1,500.00	Dec. 26, 1905	Apr. 20, 1906 ^b
Do.....	do.....	1,500.00	May 19, 1906	June 30, 1906
Sergeant, F. W.....	Laborer.....	p. d. 2.00		

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Portland, Oreg.</i>				
Adams, John D.	Tagger	\$720.00		
Bitner, Wm. A.	do	720.00		
Caudy, Wm. M.	do	720.00		
Coleman, George J.	Laborer	2.00		
Holm, Robert E.	Assistant inspector	1,200.00		
Johnston, G. A.	do	1,200.00	Apr. 3, 1906	Apr. 30, 1906a
Loveberry, Clarence	Inspector	1,500.00		
Madden, John A.	Assistant inspector	1,260.00	July 1, 1905	May 31, 1906a
Melvin, Oliver E.	Laborer	2.00		
Miller, Elmon H.	do	2.00	July 1, 1905	Aug. 11, 1905a
Rosenberger, Maynard	Assistant inspector	1,200.00	May 1, 1906	June 30, 1906
<i>Quincy, Ill.</i>				
Feighner, John E.	Stock examiner	900.00		
Kelly, James S.	Inspector	1,500.00		
Worcester, W. W.	do	1,500.00	Nov. 14, 1905	Mar. 15, 1906b
<i>Rushville, Nebr.</i>				
Davison, E. T.	Inspector	1,600.00	July 1, 1905	Aug. 31, 1905b
Drake, E. J.	Laborer	p. d. 2.50		
Fretz, Warren J.	Inspector	1,400.00	July 1, 1905	Aug. 31, 1905b
Kneebone, John	Laborer	p. d. 2.50		
<i>St. Albans, Vt.</i>				
Morin, Cyprien L.	Assistant inspector	1,200.00		
<i>St. Louis, Mo.</i>				
Alexander, J. O. W.	Clerk	900.00		
Boughner, George H.	Live stock agent	900.00		
Breid, David W.	Tagger	720.00		
Brougham, James J.	Inspector	1,800.00		
Burnett, D. C.	do	1,400.00		
Cock, James H.	Assistant inspector	1,200.00	July 1, 1905	Apr. 30, 1906b
Conway, Wm. T.	do	1,200.00	June 1, 1906	June 30, 1906
Covington, Percy C.	Tagger	720.00	July 1, 1905	Apr. 17, 1906b
Ford, James	Stock examiner	900.00		
Gillies, Duncan R.	Inspector	1,400.00		
Grubbs, George	Tagger	720.00	July 1, 1905	July 31, 1905a
Grundy, George G.	Inspector	1,400.00		
Hagerman, Louis C.	Tagger	720.00		
Hougendobler, John J.	Inspector	1,400.00	July 1, 1905	Apr. 17, 1906b
Ingram, S. R.	Assistant inspector	1,200.00	June 12, 1906	June 30, 1906
Jacobs, Harry C.	Stock examiner	900.00		
McGuire, Wm. R.	do	900.00		
Mahon, James	Assistant inspector	1,200.00	July 1, 1905	May 15, 1906
Do	Inspector	1,400.00	May 16, 1906	June 30, 1906
Mahoney, Arthur A.	Stock examiner	900.00		
Markert, George	do	900.00	July 1, 1905	Apr. 9, 1906b
Miller, Chester	Inspector	1,500.00	do	June 3, 1906b
Pote, Thos. B.	do	1,400.00		
Rosekrans, Wm. R.	Assistant inspector	1,200.00		
Timmerman, H. J.	do	1,200.00	July 1, 1905	May 15, 1906
Wiley, Morris C.	Inspector	1,400.00	May 16, 1906	June 30, 1906
Yingst, Walter H.	Assistant inspector	1,200.00	Oct. 4, 1905	Do.
<i>Salt Lake City, Utah.</i>				
Alcorn, Harvey A.	Assistant inspector	1,200.00	Sept. 11, 1905	Nov. 15, 1905b
Archer, Rollie J.	Tagger	720.00	May 16, 1906	June 30, 1906
Babson, Sumner C.	Assistant inspector	1,200.00	Apr. 14, 1906	Do.
Bailey, Alfred L.	do	1,200.00	July 1, 1905	Apr. 15, 1906
Do	Inspector	1,400.00	Apr. 16, 1906	June 30, 1906
Behler, Clayton R.	Assistant inspector	1,200.00	July 1, 1905	Apr. 15, 1906
Do	Inspector	1,400.00	Apr. 16, 1906	June 30, 1906
Bibb, Arthur H.	Field stock examiner	1,000.00	July 1, 1905	Nov. 26, 1905b
Broadhurst, Robt. A.	Stock examiner	900.00	Apr. 16, 1906	June 30, 1906
Brown, Charles A.	Field stock examiner	1,000.00	July 1, 1905	Nov. 15, 1905b
Bundy, Edward A.	do	1,000.00	do	Do.
Do	Assistant inspector	1,200.00	Mar. 16, 1906	June 30, 1906

a Services ended.

b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Salt Lake City, Utah—Con.</i>				
Cooley, Frank C.	Field stock examiner.	\$1,000.00		
Day, Wm. E.	Inspector.	1,400.00	July 1, 1905	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
Deming, Charles W.	Inspector.	1,400.00	July 1, 1905	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
Dennis, Wm. R.	Field stock examiner.	1,000.00		
Dill, Robert.	Assistant inspector.	1,200.00	Apr. 14, 1906	Do.
Drake, Roy N.	Inspector.	1,500.00		
Gallagher, John J.	Assistant inspector.	1,200.00	July 1, 1905	Nov. 13, 1905 ^b
Do.	do	1,200.00	Apr. 12, 1906	June 30, 1906
Gillett, Stephen D.	Field stock examiner.	1,000.00		
Hamilton, Wm.	Assistant inspector.	1,200.00	Sept. 28, 1905	May 31, 1906
Do.	Inspector.	1,400.00	June 1, 1906	June 30, 1906
Hammond, Harry J.	do	1,500.00		
Hanawalt, David C.	do	1,500.00		
Hancock, Henry J.	do	1,400.00	July 1, 1905	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
Harrington, Daniel W.	Assistant inspector.	1,200.00	July 1, 1905	May 31, 1906
Hascall, Morris T.	Field stock examiner.	1,000.00		
Henderson, Levi C.	Assistant inspector.	1,200.00		
Do.	Inspector.	1,400.00	June 1, 1906	June 30, 1906
Hickox, George S.	Agent and expert.	1,600.00		
Hicks, Hazen H.	Inspector.	1,400.00	July 1, 1905	Nov. 30, 1905 ^b
Do.	do	1,400.00	Mar. 16, 1906	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
Hood, Harvey B.	Assistant inspector.	1,200.00	Apr. 14, 1906	Do.
Hutchinson, Ernest N.	Inspector.	1,500.00		
Jacobs, J. Otis.	do	1,500.00		
Jones, Wm. F.	do	1,400.00		
Lantz, Matthias S.	do	1,500.00		
Lawson, James M.	Stock examiner.	900.00	Apr. 14, 1906	June 30, 1906
Lowe, Clinton D.	Tagger.	720.00	May 16, 1906	Do.
Lytle, Wm. H.	Assistant inspector.	1,200.00		
McBirney, John.	Inspector.	1,600.00		
McDonald, Harry L.	Field stock examiner.	1,000.00	Apr. 16, 1906	Do.
McNally, Henry R.	Inspector.	1,400.00	July 1, 1905	Mar. 31, 1906 ^b
Massie, John C.	Field stock examiner.	1,000.00	Sept. 11, 1905	Nov. 15, 1905 ^b
Murray, Frank E.	Inspector.	1,400.00	July 1, 1905	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
O'Rourke, Isaac W.	do	1,500.00		
Pettet, Frederick O.	Field stock examiner.	1,000.00		
Pinkerton, Harry E.	Assistant inspector.	1,200.00	Apr. 14, 1906	Do.
Proudfoot, Wm.	Field stock examiner.	1,000.00	Apr. 10, 1906	Do.
Rawlins, Wm. J.	Special field stock examining agent.	900.00	Sept. 1, 1905	Nov. 30, 1905 ^a
Redmond, Thomas.	Field stock examiner.	1,000.00		
Richards, Isaiah.	do	1,000.00		
Robinson, Chas. II.	do	1,000.00	Apr. 16, 1906	June 30, 1906
Roome, Henry.	Inspector.	1,500.00		
Rork, Charles F.	Field stock examiner.	1,000.00		
Rosenberger, Maynard.	Assistant inspector.	1,200.00	July 12, 1905	July 26, 1905 ^a
Rowe, Hugh M.	Inspector.	1,500.00	July 1, 1905	Feb. 28, 1906 ^a
Siggins, Ernest L.	do	1,500.00	Sept. 28, 1905	June 30, 1906
Simons, A. L.	Special agent, etc.	1,000.00	July 1, 1905	Nov. 15, 1905 ^a
Upton, Wallace L.	Stock examiner.	900.00	Mar. 16, 1906	Apr. 15, 1906
Do.	Field stock examiner.	1,000.00	Apr. 16, 1906	June 30, 1906
Van Allstyne, Wm. C.	Assistant inspector.	1,200.00	May 10, 1906	Do.
West, Laomer.	do	1,200.00	Sept. 1, 1905	May 15, 1906 ^b
Woolen, D. Murten.	do	1,200.00	Apr. 14, 1906	June 30, 1906
Young, Clarence J.	do	1,200.00	July 1, 1905	Oct. 25, 1905 ^a
<i>San Diego, Cal.</i>				
Benton, Walter D.	Stock examiner.	900.00		
Darling, Robert W.	Inspector.	1,500.00		
<i>San Francisco, Cal.</i>				
Alcorn, Harvey A.	Assistant inspector.	1,200.00	Nov. 16, 1905	Apr. 20, 1906 ^a
Baker, George S.	Inspector.	1,800.00		
Borden, John J.	Stock examiner.	900.00		
Krauss, James E.	Assistant inspector.	1,200.00	Apr. 1, 1906	Apr. 30, 1906
McSweeney, Ambrose.	Stock examiner.	900.00	July 1, 1905	Oct. 13, 1905 ^a
Munn, John E.	do	900.00		

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>San Francisco, Cal.—Con.</i>				
Waldron, Adolphus W.	Tagger.....	\$720.00	May 21, 1906	May 26, 1906 ^a
Ward, G. R.	Assistant inspector.....	1,200.00	Apr. 11, 1906	June 30, 1906
West, Laomer.....	do.....	1,200.00	May 16, 1906	June 8, 1906 ^b
<i>Sault Ste. Marie, Mich.</i>				
Deadman, J. F.	Assistant inspector.....	p. d. 3.00	.....	.....
<i>Seattle, Wash.</i>				
Bark, Don H.	Tagger.....	720.00	Dec. 1, 1905	Apr. 15, 1906 ^a
Burwell, Wm.	do.....	720.00	Apr. 16, 1906	June 30, 1906
Colson, Charles F.	Assistant inspector.....	1,200.00	July 1, 1905	Apr. 1, 1906 ^b
Doane Wm. E.	Tagger.....	720.00	Mar. 15, 1906	June 30, 1906
Foster, Walter M.	Stock examiner.....	900.00	July 1, 1905	Feb. 28, 1906 ^a
Hess, Orlando B.	Inspector.....	1,600.00	.....	.....
McDonald, E. A.	Dairy inspector.....	1,500.00	.....	.....
Rarey, Marion J.	Tagger.....	720.00	July 1, 1905	May 31, 1906
Do.....	Stock examiner.....	900.00	June 1, 1906	June 30, 1906
<i>Sioux City, Iowa.</i>				
Atherton, Wm. T.	Assistant inspector.....	1,200.00	Sept. 1, 1905	May 9, 1906 ^b
Bagshaw, Kenzie S.	Tagger.....	720.00	.....	.....
Chamberlin, C. J.	Stock examiner.....	900.00	.....	.....
Clark, George W.	Clerk.....	900.00	.....	.....
De Hart, Leon J.	Tagger.....	720.00	Apr. 1, 1906	June 30, 1906
Frey, Nannie B.	Assistant microscopist.....	600.00	.....	.....
Gordon, Waldron M.	Tagger.....	720.00	July 1, 1905	July 15, 1905
Do.....	Assistant inspector.....	1,200.00	July 16, 1905	June 30, 1906
Johnson, George A.	Inspector.....	1,600.00	.....	.....
Kling, Myron H.	Stock examiner.....	900.00	.....	.....
McAuley, Robt. A.	Assistant inspector.....	1,200.00	May 10, 1906	Do.
McDonald, Donald	Stock examiner.....	900.00	.....	.....
McLaughlin, Phillip S.	Tagger.....	720.00	.....	.....
Mabie, Thomas A.	Assistant inspector.....	1,200.00	July 1, 1905	Aug. 31, 1905 ^a
Miller, Samuel H.	Tagger.....	720.00	.....	.....
Musser, Robert C.	Assistant inspector.....	1,200.00	.....	.....
Nelson, J. I.	Stock examiner.....	900.00	Oct. 1, 1905	Apr. 4, 1906 ^b
Osborne, Henry D.	Laborer.....	p. d. 2.00	July 1, 1905	July 31, 1905 ^a
Pendleton, Mary L.	Assistant microscopist.....	600.00	.....	.....
Rapp, Charles A.	Assistant inspector.....	1,200.00	July 1, 1905	Sept. 15, 1905 ^a
Do.....	do.....	1,200.00	Mar. 16, 1906	June 30, 1906
Strange, Anna R.	Assistant microscopist.....	600.00	.....	.....
Thomas, Reginald	Assistant inspector.....	1,200.00	.....	.....
Thompson, Wm.	Inspector.....	1,600.00	Feb. 1, 1906	Do.
Tremain, Harry B.	do.....	1,400.00	July 1, 1905	Feb. 28, 1906 ^a
Wilhelm, John W.	Tagger.....	720.00	.....	.....
Winnie, David A.	Stock examiner.....	900.00	.....	.....
<i>Sioux Falls, S. Dak.</i>				
Busman, Herman	Inspector.....	1,500.00	Apr. 19, 1906	June 30, 1906
Wood, Geo. W.	Stock examiner.....	900.00	June 1, 1906	Do.
<i>South Omaha, Nebr.</i>				
Adams, Ethan	Tagger.....	720.00	.....	.....
Alexander, Thos. J.	do.....	720.00	July 1, 1905	Apr. 30, 1906 ^a
Allen, Jeremiah S.	do.....	720.00	..... do.....	Mar. 4, 1906 ^b
Allen, Robt. L.	Assistant inspector.....	1,200.00	Aug. 1, 1905	Feb. 10, 1906 ^a
Allen, Rollin M.	do.....	1,200.00	July 1, 1905	Aug. 31, 1905 ^b
Allyn, Amelia M.	Assistant microscopist.....	c 600.00	.....	.....
Archer, Rollie J.	Tagger.....	720.00	July 1, 1905	May 15, 1906 ^b
Atwood, Mary A.	Assistant microscopist.....	c 600.00	.....	.....
Austin, James	Laborer.....	p. m. 60.00	July 1, 1905	Dec. 31, 1905 ^a
Ayer, Don C.	Inspector.....	2,000.00	.....	.....
Baker, Howard	Assistant inspector.....	1,200.00	.....	.....
Barnes, Mehetable	Assistant microscopist.....	c 600.00	.....	.....
Barrett, Jas. W.	Tagger.....	720.00	July 1, 1905	Nov. 30, 1905
Do.....	Clerk.....	840.00	Dec. 1, 1905	June 30, 1906
Beck, Maud B.	Assistant microscopist.....	600.00	.....	.....
Bender, John E.	Assistant inspector.....	1,200.00	.....	.....
Blair, John T.	Tagger.....	720.00	.....	.....

^a Services ended.^b Change of station.^c Rate of salary changed during year to \$2.10 per day

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>South Omaha Nebr.—Con.</i>				
Boone, Frank L.	Tagger	\$720.00		
Burke, Henry	.....	720.00	Mar. 10, 1906	May 27, 1906 ^b
Burke, Margaret	Assistant microscopist	c 600.00	Aug. 7, 1905	June 30, 1906
Burkhard, Jacob	Stock examiner	900.00		
Burrows, Wm. E.	Tagger	720.00	May 8, 1906	June 30, 1906
Campbell, Chas. E.	Stock examiner	900.00	July 1, 1905	Apr. 13, 1906 ^b
Carter, Daisy M.	Assistant microscopist	600.00	do	July 22, 1905 ^a
Colvin, Mollie A.	.....	c 600.00		
Condon, James	Tagger	720.00		
Conoyer, C.	Clerk	1,000.00		
Cooper, Dean G.	Inspector	1,500.00		
Craig, Perry	Tagger	720.00	July 1, 1905	July 31, 1905 ^a
Crandall, W. W.	Stock examiner	900.00		
Day, Charles M.	Inspector	1,500.00		
De Laney, John V.	Tagger	720.00	July 1, 1905	Aug. 31, 1905 ^b
Eastman, J. O.	Laborer	p. d. 2.00		
Everett, Arthur T.	Inspector	1,500.00	July 1, 1905	Sept. 9, 1905 ^a
Fansher, Ethellena M.	Assistant microscopist	c 600.00		
Faust, Louise	.....	c 600.00		
Forbes, Reuben	Tagger	720.00		
Foster, J. V.	Assistant inspector	1,200.00	July 1, 1905	Sept. 30, 1905 ^a
Do.	.....	1,200.00	Apr. 23, 1906	June 30, 1906
Gibson, Lee O.	Clerk	840.00	Sept. 11, 1905	Dec. 4, 1905 ^a
Gilbert, Nixon O.	Assistant inspector	1,200.00	Aug. 10, 1905	Apr. 23, 1906 ^b
Gove, Arthur W.	Tagger	720.00		
Hand, Eoline R.	.....	720.00	Nov. 11, 1905	Feb. 10, 1906 ^a
Hart, James	Assistant inspector	1,200.00	July 1, 1905	Aug. 31, 1905 ^a
Helvey, Orlando W.	Tagger	720.00		
Herrold, Charles H.	Assistant inspector	1,200.00		
Hilton, Mary H.	Assistant microscopist	600.00		
Hogan, Margaret	.....	c 600.00		
Huestis, Stella	.....	c 600.00		
Ingram, Frank A.	Assistant inspector	1,200.00	July 1, 1905	May 20, 1906 ^b
Jackson, Edgar	Tagger	720.00	do	Dec. 15, 1905
Do.	Clerk	840.00	Dec. 16, 1905	June 30, 1906
Jelen, Frank	Assistant inspector	1,200.00	June 29, 1906	Do.
Jewell, John V.	.....	1,200.00	July 1, 1905	Aug. 7, 1905 ^a
Keyser, Chas. T.	Tagger	720.00	Feb. 1, 1906	June 30, 1906
Knee, Ira F.	Stock examiner	900.00		
Kostal, Anton.	Tagger	840.00		
Leddy, Thomas	.....	840.00		
Lindburg, O. Enoch	.....	720.00	Mar. 19, 1906	Do.
Lowe, Clinton D.	.....	720.00	July 1, 1905	May 15, 1906 ^b
Lundell, Alvin O.	Assistant inspector	1,200.00	Aug. 16, 1905	June 30, 1906
Lyle, Hayes S.	Tagger	720.00	July 1, 1905	May 6, 1906 ^b
Lynch, Mary	Laborer	p. m. 25.00		
McCann, John	Tagger	720.00		
McCray, Willis E.	Assistant inspector	1,200.00	July 1, 1905	Sept. 21, 1905 ^a
McEachran, Wm.	.....	1,200.00	Sept. 1, 1905	June 30, 1906
McKeown, Thos. H.	.....	1,200.00	Aug. 21, 1905	Do.
Marshall, George O.	Stock examiner	900.00		
Mattatall, Ira C.	Inspector	1,600.00	May 18, 1906	June 30, 1906
Maus, Daisy C.	Assistant microscopist	c 600.00		
Middleton, Wm. C.	Assistant inspector	1,200.00	Aug. 10, 1905	Aug. 12, 1905 ^a
Miller, Arthur E.	Stock examiner	900.00		
Milner, Clarence A.	Tagger	720.00	July 1, 1905	Nov. 14, 1905 ^b
Miner, George H.	Assistant inspector	1,200.00	do	Aug. 7, 1905 ^a
Do.	.....	1,200.00	Apr. 23, 1906	June 30, 1906
Moore, Chas. E.	Tagger	720.00		
Murray, M. M.	.....	720.00	Aug. 10, 1905	Feb. 15, 1906 ^a
Myers, Willis A.	Assistant inspector	1,200.00	Sept. 21, 1905	Oct. 10, 1905 ^b
Newton, Howard M.	.....	1,200.00	Aug. 16, 1905	June 30, 1906
Olson, Frank G.	Tagger	720.00	July 1, 1905	Jan. 16, 1906 ^a
Overton, Frederick C.	.....	720.00	do	Apr. 22, 1906 ^b
Partlan, Thomas S.	Assistant inspector	1,200.00		
Payne, Jacob I.	Stock examiner	900.00		
Payton, John B.	Tagger	720.00	July 1, 1905	June 17, 1906 ^b
Price, Mary E.	Assistant microscopist	c 600.00		
Reed, Wesley W.	Tagger	720.00	Mar. 26, 1906	June 30, 1906
Rietz, John H.	Assistant inspector	1,200.00	May 24, 1906	June 28, 1906 ^b
Risley, Samuel A.	Stock examiner	900.00		
Roberts, Stephen	.....	900.00	July 1, 1905	Mar. 3, 1906 ^a
Robertson, Jas. T.	Tagger	720.00		
Russell, Fred S.	.....	720.00	May 15, 1906	June 30, 1906

^a Services ended.

^b Change of station.

^c Rate of salary changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>South Omaha, Nebr.—Con.</i>				
Sage, Fannie	Assistant microscopist	€\$600.00		
Samuel, Alfred A.	Tagger	720.00	Feb. 10, 1906	June 30, 1906
Sawhill, Dora	Assistant microscopist	€600.00		
Sayre, Edith M.	do	€600.00		
Schibsby, L.	Tagger	720.00		
Schroeder, Geo. H.	do	720.00		
Scranton, Charles S.	Clerk	900.00	July 1, 1905	
Sevenster, John	Assistant inspector	1,200.00	do	Aug. 14, 1905a
Shatzell, Harry A.	Tagger	720.00		May 23, 1906b
Shaw, Silas L.	Assistant inspector	1,200.00	July 1, 1905	July 31, 1905
Do	Inspector	1,400.00	Aug. 1, 1905	June 30, 1906
Shevlen, Lulu E.	Assistant microscopist	€600.00		
Skrable, Frank L.	Assistant inspector	1,200.00	July 1, 1905	July 31, 1905a
Sloat, Henry	Tagger	720.00	May 16, 1906	June 30, 1906
Smith, Philip	Stock examiner	900.00		
Spencer, Clyde G.	Tagger	720.00		
Spencer, Lizzie	Assistant microscopist	€600.00		
Stevens, Mabel F.	do	€600.00		
Stewart, Charles A.	Assistant inspector	1,200.00		
Stilwell, John D.	do	1,200.00	Aug. 8, 1905	Aug. 19, 1905a
Sutton, Clemons G.	Tagger	720.00		
Teeter, Harry F.	do	720.00	July 1, 1905	Oct. 14, 1905a
Ulmer, Henry C.	do	720.00		
Upton, Wallace L.	Stock examiner	900.00	Oct. 16, 1905	Mar. 15, 1906b
Veidhuis, Zachary	Assistant inspector	1,200.00	July 1, 1905	May 31, 1906b
Wainwright, Helen S.	Assistant microscopist	€600.00		
Williams, Henry C.	Stock examiner	900.00	July 1, 1905	Feb. 1, 1906a
Wilson, Louise E.	Assistant microscopist	€600.00		
Woolm, James E.	Tagger	720.00		
<i>South St. Joseph, Mo.</i>				
Baker, Lewis R.	Inspector	1,800.00	July 1, 1905	Nov. 15, 1905b
Barr, Irwin E.	Tagger	720.00	do	Sept. 30, 1905a
Brown, Geo. S.	do	720.00		
Bundy, Edward A.	Stock examiner	900.00	Nov. 16, 1905	Mar. 15, 1906a
Carle, Edward C.	Assistant inspector	1,200.00		
Chambers, Leroy M.	do	1,200.00	July 1, 1905	Aug. 15, 1905a
Conner, Dellas W.	Tagger	720.00	do	June 10, 1906b
Ditewig, George	Inspector	1,600.00	Nov. 15, 1905	June 30, 1906
Ebling, John W.	Tagger	720.00		
Edinger, Harry L.	do	720.00		
Elliott, Clarence L.	Assistant inspector	1,200.00		
Everly, Ora W.	Inspector	1,400.00		
Farley, Abraham J.	Assistant inspector	1,200.00	July 1, 1905	June 3, 1906b
Frey, Joseph	Tagger	720.00	Mar. 22, 1906	June 30, 1906
Floyd, Wm.	do	720.00	July 1, 1905	Dec. 31, 1905a
Johnston, Carl A.	Assistant inspector	1,200.00	Nov. 16, 1905	June 30, 1906
Lawson, James M.	Stock examiner	900.00	Dec. 1, 1905	Apr. 13, 1906b
Leighton, Orrin L.	Clerk	840.00	July 1, 1905	Jan. 24, 1906b
Lint, Henry M.	Stock examiner	900.00	Jan. 2, 1906	June 30, 1906
Lipp, George A.	Assistant inspector	1,200.00	Dec. 1, 1905	Apr. 11, 1906b
McClelland, Robert L.	Inspector	1,400.00		
McCurdy, Frank C.	do	1,500.00		
McFarland, Claude M.	do	1,400.00		
McKibben, John A.	Tagger	720.00		
Marshall, Henry	Assistant inspector	1,200.00	July 1, 1905	May 9, 1906b
Maxwell, Geo. E.	Tagger	720.00		
Meyer, Chas. W.	do	720.00	July 1, 1905	Dec. 18, 1905a
Miller, Harry L.	do	720.00	do	Aug. 21, 1905a
Do	do	720.00	June 13, 1906	June 30, 1906
Miller, Thomas C.	do	720.00		
Moon, Roddy K.	do	720.00		
Morrow, Charles J.	Inspector	1,400.00	July 1, 1905	Nov. 13, 1905a
Do	do	1,400.00	June 25, 1906	June 30, 1906
Mowrer, Wm. E.	Stock examiner	900.00		
Muncy, Simon G.	Tagger	720.00	Jan. 6, 1906	May 4, 1906b
Murphy, Bernard W., jr.	Inspector	1,500.00		
Myers, Willis A.	Assistant inspector	1,200.00	Apr. 9, 1906	June 30, 1906
Neil, Wm. F.	Tagger	720.00		
Newman, Ben E.	Clerk	900.00	Jan. 18, 1906	Do.
Paine, Phelps	do	1,000.00		
Painter, George D.	Inspector	1,400.00		
Scott, Robt. L.	Tagger	720.00		
Shelton, James E.	do	720.00		

^a Services ended.^b Change of station.^c Rate of salary changed during year to \$2.10 per day.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>South St. Joseph, Mo.—Con.</i>				
Sigrist, Fred C.	Tagger	\$720.00		
Skidmore, Don I.	Assistant inspector	1,200.00	Aug. 16, 1905	Nov. 14, 1905 ^b
Tiffany, J. B.	do	1,200.00	June 6, 1906	June 30, 1906
Weihe, Walter E.	do	1,200.00	July 1, 1905	May 15, 1906
Do.	Inspector	1,400.00	May 16, 1906	June 30, 1906
Wright, John B.	do	1,500.00		
Zimmerman, Jas. A.	Tagger	720.00		
<i>South St. Paul, Minn.</i>				
Bryant, Scott S.	Tagger	720.00		
Durkee, John R.	do	720.00		
Ewing, Frank A.	Stock examiner	900.00		
Forbes, Walter A.	do	900.00		
Harrison, Robert H.	Inspector	1,500.00		
Heldring, J. J. L.	Assistant inspector	1,200.00		
Hendricks, Frank	Tagger	720.00		
Do.	Stock examiner	900.00	July 1, 1905	May 31, 1906
Hewett, Richard W.	Inspector	1,500.00	June 1, 1906	June 30, 1906
Humphrey, Marshall E.	Stock examiner	900.00	July 1, 1905	Oct. 15, 1905 ^a
Irons, George T.	Inspector	1,500.00		
Jacobson, John	Stock examiner	900.00		
Kellner, Aaron F.	Tagger	720.00		
Ketchum, Frank D.	Inspector	1,600.00		
Knipple, Robt. G.	Stock examiner	900.00		
Libby, Thos. M.	do	900.00		
Mahana, Robert M.	do	900.00		
Mead, Rolla N.	Inspector	1,400.00	July 1, 1905	May 31, 1906
Do.	do	1,500.00	June 1, 1906	June 30, 1906
Mumm, John	Clerk	840.00		
Niven, Andrew B.	Assistant inspector	1,200.00	July 1, 1905	May 15, 1906
Do.	Inspector	1,400.00	May 16, 1906	June 30, 1906
Shale, Solomon C.	Stock examiner	900.00		
Shunway, Daniel G.	Inspector	1,500.00		
Von Dorn, Calvin W.	Clerk	900.00		
<i>South San Francisco, Cal.</i>				
Farley, Abraham J.	Assistant inspector	1,200.00	June 3, 1906	June 30, 1906
Jenkins, Wm.	Tagger	720.00	June 11, 1906	Do.
<i>State College, Pa.</i>				
Armsby, Henry P.	Expert	1,000.00		
Braman, Winfred W.	Assistant expert, etc.	840.00		
Christensen, F. W.	Assistant expert in animal nutrition	p. m. 35.00	Jan. 16, 1906	June 30, 1906
Faber, Walter	do	p. m. 60.00	Mar. 1, 1906	Apr. 30, 1906 ^a
Fries, J. August	do	840.00	Sept. 28, 1905	June 30, 1906
Frisbie, W. S.	do	p. m. 60.00	Feb. 12, 1906	Feb. 22, 1906 ^a
Hamner, Nicholas C.	do	p. m. 35.00	July 1, 1905	Jan. 15, 1906 ^a
<i>Storrs, Conn.</i>				
Dox, Arthur W.	Cheese expert	900.00	July 16, 1905	June 30, 1906
Issajeff, Theodore	Expert cheese maker	p. m. 75.00		
Stocking, W. A., Jr.	Expert in dairying	p. m. 150.00	July 17, 1905	Aug. 26, 1905 ^a
Thom, Charles	Cheese expert	1,500.00		
<i>Tacoma, Wash.</i>				
Bailey, Isaiah H.	Tagger	720.00		
Joss, Edward C.	Assistant inspector	1,200.00	July 1, 1905	May 31, 1906
Do.	Inspector	1,400.00	June 1, 1906	June 30, 1906
Matthews, James K.	Tagger	720.00	Apr. 16, 1906	Do.
Shepherd, Robt. C.	do	720.00	July 1, 1905	Aug. 31, 1905
Do.	Stock examiner	900.00	Sept. 1, 1905	Feb. 20, 1906 ^a
<i>Topeka, Kans.</i>				
Akin, Llewellyn C.	Stock examiner	900.00		
DeWolf, Frank L.	Inspector	1,500.00		
Farley, Matthew A., Jr.	Stock examiner	900.00	July 1, 1905	Aug. 8, 1905 ^a
Hall, Wm. E.	do	900.00		
Laird, Ernest E.	Tagger	720.00		

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Washington, D. C.</i>				
Abel, Joseph.....	Clerk.....	\$1,600.00	.....	.....
Alexander, Wm.....	Laborer.....	p. m. 50.00	July 16, 1905	June 30, 1906
Allen, Burr.....	Clerk.....	1,000.00	Nov. 16, 1905	Dec. 15, 1905a
Augusterfer, Raymond.....	Electric wireman.....	p. d. 3.50	July 1, 1905	Aug. 31, 1905
Bell, G. Arthur.....	Assistant animal husbandman.....	900.00	.....	.....
Do.....	.....do.....	1,200.00	Sept. 1, 1905	May 31, 1906
Do.....	.....do.....	1,500.00	June 1, 1906	June 30, 1906
Berlin, Sadie S.....	Skilled laborer.....	480.00	.....	.....
Bolton, Benjamin M.....	Expert.....	1,800.00	July 1, 1905	Dec. 31, 1905
Do.....	Scientific assistant in bacteriology.....	2,000.00	Jan. 1, 1906	June 30, 1906
Brereton, Louise.....	Assistant microscopist.....	600.00	.....	.....
Brez, Colman.....	Mechanic.....	1,200.00	.....	.....
Brown, Ernest W.....	Assistant in physics.....	1,400.00	.....	.....
Browning, Rose.....	Clerk.....	720.00	July 1, 1905	July 9, 1905
Do.....	.....do.....	840.00	July 10, 1905	Oct. 15, 1905a
Buckley, John S.....	Assistant in pathology.....	1,800.00	.....	.....
Carroll, Charles C.....	Clerk.....	1,400.00	July 1, 1905	Dec. 10, 1905a
Do.....	.....do.....	1,800.00	Jan. 16, 1906	June 30, 1906
Cassell, Alfred C.....	Skilled laborer.....	600.00	.....	.....
Castleman, Stephen D.....	Fireman.....	720.00	.....	.....
Cohran, John R.....	Clerk.....	1,000.00	Aug. 21, 1905	Do.
Conover, John A.....	Scientific assistant in dairying.....	900.00	.....	.....
Cross, Charles H.....	Clerk.....	1,200.00	July 1, 1905	May 31, 1906
Do.....	.....do.....	1,400.00	June 1, 1906	June 30, 1906
Davies, Llewellyn R.....	Scientific aid.....	p. m. 40.00	July 1, 1905	Feb. 28, 1906
Do.....	Scientific aid, animal husbandry.....	840.00	Mar. 1, 1906	June 30, 1906
DeAtley, Alice V.....	Charwoman.....	480.00	.....	.....
Dent, Mary T.....	Clerk.....	1,200.00	.....	.....
Dexter, William Hart.....	Scientific assistant in dairying.....	1,400.00	June 1, 1906	Do.
Doane, C. F.....	Expert in dairying.....	1,800.00	.....	.....
Dorset, Marion.....	Chief, biochemical division.....	2,750.00	July 1, 1905	Dec. 31, 1905
Do.....	.....do.....	3,000.00	Jan. 1, 1906	June 30, 1906
Douglas, Louise.....	Charwoman.....	480.00	July 1, 1905	June 6, 1906a
Edsall, Henry M.....	Clerk.....	1,000.00	Sept. 16, 1905	May 31, 1906
Do.....	.....do.....	1,200.00	June 1, 1906	June 30, 1906
Eichhorn, Adolph.....	Inspector.....	1,500.00	May 1, 1906	Do.
Emery, James A.....	Assistant in biology.....	1,800.00	July 1, 1905	Dec. 31, 1905
Do.....	.....do.....	2,000.00	Jan. 1, 1906	June 30, 1906
Evans, Illtyd C. I.....	Clerk.....	1,600.00	.....	.....
Fagan, Mary E.....	.....do.....	1,200.00	.....	.....
Farrington, Arthur M.....	Chief, inspection division.....	2,750.00	July 1, 1905	Dec. 31, 1905
Do.....	Assistant chief, Bureau of Animal Industry.....	3,000.00	Jan. 1, 1906	June 30, 1906
Fletcher, A. E.....	Messenger boy.....	360.00	.....	.....
Flocken, Charles F.....	Veterinary inspector.....	1,400.00	Sept. 1, 1905	Do.
Fossum, Andrew.....	Clerk.....	1,400.00	.....	.....
Fravel, Frank R.....	.....do.....	1,200.00	July 1, 1905	Nov. 30, 1905
Fretz, Warren J.....	.....do.....	1,400.00	Dec. 1, 1905	June 30, 1906
Fryhofer, Charles W.....	Inspector.....	1,400.00	Oct. 1, 1905	Mar. 31, 1906b
Gaumnitz, Daniel A.....	Scientific assistant in dairying.....	900.00	p. m. 60.00	Aug. 22, 1905
Gerdes, Herman H.....	Special agent.....	1,800.00	.....	Aug. 31, 1905a
Gill, Clara T.....	Clerk.....	p. m. 40.00	.....	.....
Goetz, Lena B.....	Charwoman.....	840.00	.....	.....
Goodpasture, Carroll O.....	Skilled laborer.....	1,400.00	July 1, 1905	July 17, 1905
Do.....	Clerk.....	1,600.00	July 18, 1905	June 30, 1906
Gordon, Alexander.....	.....do.....	p. m. 60.00	Sept. 1, 1905	Jan. 12, 1906a
Graves, Joel M.....	Clerk.....	1,200.00	.....	.....
Graybill, Harry W.....	Scientific assistant.....	840.00	.....	.....
Gregory, F. N.....	Clerk.....	1,400.00	.....	.....
Haines, William S. D.....	Illustrator.....	1,400.00	.....	.....
Harley, Richard C.....	Expert assistant.....	p. m. 60.00	July 1, 1905	Aug. 12, 1905a
Harmon, Arthur A.....	Assistant inspector.....	1,200.00	.....do.....	Jan. 15, 1906b
Hart, George H.....	Assistant in pathology.....	1,400.00	.....	.....
Hassall, Albert.....	Assistant in zoology.....	1,800.00	.....	.....
Haughton, Nellie F.....	Clerk.....	1,200.00	.....	.....
Henderson, Alice.....	.....do.....	840.00	July 1, 1905	July 15, 1905
Do.....	.....do.....	900.00	July 16, 1905	June 30, 1906
Hickey, Edward J.....	Clerk, stenographer and typewriter.....	900.00	May 1, 1906	Do.
Hickman, Richard W.....	Chief, quarantine division.....	2,500.00	July 1, 1905	Dec. 31, 1905

a Services ended.

b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Washington, D. C.—Con.</i>				
Hickman, Richard W.	Chief, quarantine division	\$2,750.00	Jan. 1, 1906	June 30, 1906
Hollidge, Alfred H.	Skilled laborer	720.00		
Hornbaker, Joseph N.	Clerk	1,200.00		
Houck, Ulysses G.	Inspector	1,800.00	Oct. 16, 1905	Do.
Housman, Anna M.	Clerk	1,400.00	Dec. 11, 1905	Do.
Hughes, Mary L.	Laborer	p. m. 40.00		
Ingersoll, Edwin M.	Laboratory helper	480.00	Sept. 1, 1905	Do.
Johnson, Victorine E.	Clerk	600.00		
Johnston, Edward C.	do	1,000.00	July 1, 1905	Nov. 30, 1905
Do	do	1,200.00	Dec. 1, 1905	June 30, 1906
Jones, Edward B.	Chief clerk	2,000.00		
Jones, Jennie	Charwoman	480.00		
Jones, Willie W.	Clerk	720.00	June 1, 1906	Do.
Kerr, Robert H.	Scientific assistant in biology	1,200.00	Jan. 22, 1906	Do.
Kieffer, P. H.	Dairy expert	p. d. 1.00	July 21, 1905	Do.
Kite, Asa H.	Messenger	720.00	July 1, 1905	Dec. 31, 1905 ^a
Knott, Laura R.	Clerk	720.00	do	Jan. 26, 1906 ^a
Do	do	720.00	Feb. 6, 1906	May 31, 1906 ^a
Kolbe, D. W.	Laborer	p. m. 37.00	Oct. 1, 1905	June 30, 1906
Lane, Clarence B.	Assistant chief, dairy division	1,800.00		
Langworthy, Charles F.	Nutrition expert and editor	2,250.00	Dec. 1, 1905	May 9, 1906 ^a
La Pelle, Zebedee	Clerk and proof reader	1,400.00	Dec. 16, 1905	June 30, 1906
Lawless, John J.	Plumber	p. d. 4.00	July 1, 1905	Feb. 28, 1906 ^a
Lyons, Evelyn	Clerk	1,400.00		
McAdam, Robert	Dairy inspector	1,500.00	Nov. 15, 1905	June 30, 1906
McAuley, Henry S.	Laboratory helper	600.00		
McBryde, C. N.	Scientific assistant, etc.	1,600.00	July 1, 1905	Aug. 28, 1905 ^b
Mahon, Martha H.	Clerk	1,200.00		
Maloy, Edward J.	Messenger	1,000.00		
Mann, Edward L.	Messenger boy	p. m. 30.00		
Marshall, Mary G.	Clerk	1,200.00		
Melvin, Alonzo D.	Assistant chief	2,750.00	July 1, 1905	Nov. 30, 1905
Do	Chief, Bureau of Animal Industry	4,500.00	Dec. 1, 1905	June 30, 1906
Meyett, Frederick	Laborer	p. d. 1.50		
Meyst, Frederick W.	Clerk, stenographer and typewriter	1,000.00	June 13, 1906	Do.
Miller, Wilbur E.	Clerk, typewriter			
Mohler, John R.	Chief, pathological division	p. m. 60.00	July 1, 1905	Aug. 12, 1905 ^a
Do	do	2,750.00	do	Dec. 31, 1905
Morris, Claude F.	Clerk	3,000.00	Jan. 1, 1906	June 30, 1906
Morse, George B.	Assistant in pathology	1,400.00	July 1, 1905	Dec. 4, 1905 ^a
Myers, Carrie	Clerk	1,600.00		
Do	do	1,200.00	July 1, 1905	Nov. 30, 1905
Myers, Harry B.	Laborer	1,400.00	Dec. 1, 1905	June 30, 1906
Do	Watchman	p. m. 60.00	July 1, 1905	Dec. 15, 1905
Myers, Murray J.	Assistant inspector	1,200.00	Dec. 16, 1905	June 30, 1906
Newmyer, Edwin J.	Clerk	1,200.00	do	Do.
Do	do	1,200.00	July 1, 1905	July 15, 1905
Nicholas, John	Messenger	1,400.00	July 16, 1905	June 30, 1906
Oberly, Beatrice C.	Clerk	1,400.00		
O'Rourke, Estelle L.	Charwoman	480.00		
Parks, Granville H.	Architect	1,600.00	July 1, 1905	Oct. 31, 1905 ^a
Do	do	1,800.00	Dec. 1, 1905	June 30, 1906
Patton, H. Maria	Clerk	600.00		
Pennywitt, William C.	do	1,400.00	Oct. 24, 1905	Dec. 17, 1905 ^a
Perry, James M.	Watchman	720.00	Jan. 1, 1906	Jan. 15, 1906
Do	Skilled laborer	720.00	Jan. 16, 1906	June 30, 1906
Perry, Owen R.	Messenger	720.00	Jan. 1, 1906	Do.
Pew, Irving W.	Clerk	1,400.00	July 1, 1905	Nov. 30, 1905
Do	do	1,600.00	Dec. 1, 1905	June 30, 1906
Pfender, Charles A.	do	1,000.00	July 1, 1905	July 15, 1905
Do	do	1,200.00	July 16, 1905	June 30, 1906
Phillips, Annie E.	Skilled laborer	480.00		
Pickens, J. M.	Clerk	1,800.00	July 1, 1905	Jan. 15, 1906
Do	Editor	2,000.00	Jan. 16, 1906	June 30, 1906
Pitney, Albert L.	Special agent	1,800.00		
Price, Thomas M.	Scientific assistant	1,600.00	July 10, 1905	May 31, 1906
Do	do	1,800.00	June 1, 1906	June 30, 1906
Ransom, Brayton H.	do	1,600.00		
Rapp, Emma V.	Clerk	720.00	July 1, 1905	Oct. 31, 1905
Do	do	840.00	Nov. 1, 1905	June 30, 1906
Rawl, B. H.	Dairy expert	1,400.00		

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.			
			From—	To—		
<i>Washington, D. C.—Con.</i>						
Reamy, Thomas B.	Skilled laborer	\$840.00	July 1, 1905	July 31, 1905		
Do.	Messenger	840.00	Aug. 1, 1905	June 30, 1906		
Rector, Frank L.	Scientific assistant	720.00	July 1, 1905	May 15, 1906		
Do.	do.	840.00	May 16, 1906	June 30, 1906		
Reeves, Sallie R.	Clerk	1,000.00				
Reynolds, James B.	Temporary special inspector	p. d. 10.00	Apr. 10, 1906	Do.		
Reynolds, McPherson	Clerk	1,400.00				
Rice, Joseph A.	do.	1,200.00	July 1, 1905	June 15, 1905		
Do.	do.	1,400.00	July 16, 1905	June 30, 1906		
Ridley, Cora M.	Charwoman	480.00				
Ritzman, Ernest G.	Assistant animal husbandman	840.00				
Roberts, John	Clerk	1,400.00	July 1, 1905	Nov. 30, 1905		
Do.	do.	1,600.00	Dec. 1, 1905	June 30, 1906		
Rogers, Lore A.	Expert	1,400.00	July 1, 1905	Oct. 31, 1905		
Do.	Bacteriological chemist	1,600.00	June 1, 1906	May 31, 1906		
Rommel, George M.	Animal husbandman	1,600.00				
Ruppel, Albert	Clerk	720.00	Nov. 6, 1905	Dec. 15, 1905 ^a		
Russell, George H.	do.	1,200.00	Dec. 16, 1905	June 30, 1906		
Salmon, Daniel E.	Chief	5,000.00	July 1, 1905	Oct. 31, 1905 ^a		
Sands, John K.	Plumber	p. d. 4.00	June 16, 1906	June 30, 1906		
Scheerer, George W.	Skilled laborer	660.00				
Schilling, Louis C.	Assistant messenger	720.00	July 1, 1905	July 15, 1905 ^a		
Scott, Thomas A.	Clerk	1,400.00	do.	May 15, 1906 ^a		
Scribner, Le Roy	do.	1,000.00	do.	July 15, 1905		
Do.	do.	1,200.00	July 16, 1905	June 30, 1906		
Shimoneck, William C.	Messenger	720.00				
Shore, Howard J.	Laboratory assistant	840.00	July 1, 1905	May 31, 1906		
Do.	do.	1,000.00	June 1, 1906	June 30, 1906		
Simonton, Laurence J.	Clerk	840.00				
Skidmore, Jared F.	Skilled laborer	720.00	July 1, 1905	Dec. 15, 1905 ^a		
Stamper, William S.	Laboratory clerk	1,200.00				
Steddon, Rice P.	Inspector	2,000.00	July 1, 1905	Aug. 27, 1905		
Do.	Assistant chief, inspection division	2,000.00	Aug. 28, 1905	Dec. 31, 1905		
Do.	Chief, inspection division	2,500.00	Jan. 1, 1906	June 30, 1906		
Stedman, Royal G.	Messenger	720.00				
Stedman, William P.	do.	840.00				
Stevenson, Earle C.	Scientific assistant	1,000.00				
Stiles, George W., Jr.	Assistant bacteriologist	1,200.00	July 1, 1905	Oct. 15, 1905 ^a		
Stuart, Duncan	Assistant in dairy division	1,200.00				
Sudendorf, E.	Special agent	p. m. 10.00	Jan. 24, 1906	Feb. 23, 1906 ^a		
Sullivan, Maggie E.	Charwoman	480.00				
Sullivan, Mary	Clerk	1,400.00				
Swanger, Charles H.	Scientific assistant in biology	840.00	Apr. 2, 1906	June 30, 1906		
Swank, Walter R.	Clerk	900.00	July 1, 1905	July 15, 1905		
Do.	do.	1,000.00	July 16, 1905	June 30, 1906		
Thomas, Clayton M.	Laborer	p. m. 60.00	July 1, 1905	Nov. 17, 1905 ^a		
Thompson, George F.	Editor	2,000.00	do.	Jan. 6, 1906 ^a		
Thompson, R. E. L.	Carpenter	1,100.00				
Titus, S. H.	Scientific assistant in animal pathology	p. m. 50.00	May 18, 1906	June 30, 1906		
Tyson, Fanny	Clerk	900.00	July 1, 1905	Apr. 30, 1906		
Do.	do.	1,000.00	May 1, 1906	June 30, 1906		
Walters, Mildred E.	do.	720.00	June 7, 1906	Do.		
Waring, John H.	Clerk, stenographer and typewriter	1,000.00	Feb. 1, 1906	Do.		
Wasdon, Benjamin G.	Clerk	1,200.00				
Washburn, Henry J.	Assistant pathologist	2,000.00				
Webster, Edwin H.	Chief, dairy division	2,500.00				
Wells, Levi	Dairy inspector	1,800.00				
Wesley, Charles	Skilled laborer	600.00	Sept. 8, 1905	Do.		
Willis, Samuel B.	Expert in dairying	p. d. 5.00	June 11, 1906	Do.		
Wooden, Morris	Assistant chief, inspection division	2,000.00	Feb. 1, 1906	Do.		
Woodin, Gertrude L.	Clerk	1,000.00				
<i>Waterloo, Iowa.</i>						
Scott, Thomas W.	Inspector	1,500.00				
<i>Watertown, N. Y.</i>						
Bell, John A.	Inspector	p. d. 8.00	July 1, 1905	Oct. 10, 1905 ^a		

^a Services ended.

^b Change of station.

Statement showing persons employed in the Bureau of Animal Industry and where stationed during the fiscal year 1906—Continued.

Name.	Designation.	Salary.	When not stationed entire year at same station, period of service shown below.	
			From—	To—
<i>Wichita, Kans.</i>				
Barnhart, C. W.....	Assistant inspector.....	\$1,200.00	July 1, 1905	May 15, 1906
Do.....	Inspector.....	1,400.00	May 16, 1906	June 30, 1906
Glover, Edward K.....	Tagger.....	720.00		
Leeper, Robert B.....	Inspector.....	1,400.00	July 1, 1905	Feb. 28, 1906 ^b
Murphy, Wm. H.....	Tagger.....	720.00		
Neil, Wesley N.....	Inspector.....	1,500.00		
Newman, Ben E.....	Stock examiner.....	900.00	Sept. 15, 1905	Jan. 17, 1906 ^b
Oshel, Thomas W.....	do.....	900.00	Mär. 1, 1906	June 30, 1906
Pickett, Theodore.....	Tagger.....	720.00	Nov. 13, 1905	Jan. 14, 1906 ^b
Rietz, John H.....	Assistant inspector.....	1,200.00	July 5, 1905	Feb. 14, 1906 ^a
Do.....	do.....	1,200.00	June 29, 1906	June 30, 1906
Snyder, Rudolph.....	do.....	1,200.00	July 1, 1905	June 28, 1906 ^b
Wycoff, Alva C.....	Tagger.....	720.00		
<i>Worcester, Mass.</i>				
Dowd, Edward P.....	Inspector.....	1,500.00		
McPartland, P. J.....	Tagger.....	720.00	July 1, 1905	May 31, 1906
Do.....	Stock examiner.....	900.00	June 1, 1906	June 30, 1906

O

